4340 Glendale-Milford Rd.
Ste. 100
Cincinnati, OH 45242

T 513.489.2255
TRCcompanies.com

April 6, 2022

United States Environmental Protection Agency
Land, Chemicals and Redevelopment Division, Region 5
77 West Jackson Boulevard (LR-16J)
Chicago, Illinois 60604

Attention: Mr. Gregory A. Rudloff, P.G., Supervisor
Corrective Action Section 3

Reference: Corrective Action Deferment Request
Deltech Polymers Corporation
1250 South Union Street
Troy, Ohio 45373
TRC No. 459193.0001.0001

Dear Mr. Rudloff:

As a follow up to our March 8, 2022 conference call, on behalf of Deltech Holdings, LLC (Deltech), TRC Environmental Corporation (TRC) has prepared this Corrective Action Deferment Request (CADR) associated with the Deltech Polymers Corporation (Deltech Polymers) facility located at 1250 South Union Street, Troy, Ohio 45373 (the Property). This letter is intended to support our request to defer responses to historical suspected releases of hazardous substances from three abandoned in-place underground storage tanks (USTs) at the Property from the United States Environmental Protection Agency (USEPA) to the Ohio Voluntary Action Program (Ohio VAP). This CADR summarizes the previous activities undertaken at the Property in response to the suspected releases from the USTs, and also activities that will be undertaken to address the releases under the Ohio VAP. The Property consists of a 8.714-acre manufacturing facility to the west and east of South Union Street in Troy, Ohio. The Property location is shown on Figure 1.

The purpose for seeking the deferment is to resolve a potential ineligibility issue regarding the Property's participation in the Ohio VAP. In 2021, Deltech contracted with TRC to take the Property through the Ohio VAP to obtain a Covenant Not-to-Sue (CNS) from the Ohio Environmental Protection Agency by preparing a No Further Action Letter (NFAL). As part of the Ohio VAP implementation, regulatory issues are evaluated during the Ohio VAP Phase I to determine the Property's eligibility for participation in the Ohio VAP. Through this process, the reported suspected hazardous substance UST releases were identified. This unresolved suspected UST releases currently makes the affected portion of the Property potentially ineligible to participate in the Ohio VAP until resolved. As you are aware, the Ohio Bureau of UST Regulations regulated closure, but not corrective action, for USTs that contained hazardous substances.

Deltech, the Ohio VAP Volunteer, has completed a Draft Ohio VAP Phase I Property Assessment, a Ohio VAP eligibility determination, a Draft Ohio VAP Phase II Scope of Work, and has developed sufficient evidence of entry into the Ohio VAP in accordance with Ohio Administrative Code Chapter 3745-300-02.

HISTORICAL INFORMATION

The Property is currently utilized by Deltech Polymers for the controlled reaction of styrene monomer to polystyrene pellets through extrusion, contact cooling, cutting, and straining processes. The Property features are shown on Figure 2. The Property is accessed from South Union Street from the west. Various environmental investigations and remedial efforts have been conducted at the Property from the 1980's until now. Three underground storage tanks (UST) were located in the middle of the production area. The tanks consisted of one 20,000-gallon UST containing styrene and two 500-gallon USTs containing Therminol. The styrene was used for production of polystyrene pellets and the Therminol was used as a heat transfer oil. All three USTs are considered to have contained hazardous substances.

All three USTs are located in the production area where an explosion and fire occurred in 1987 that released chemicals of concern (COCs) to the soil and groundwater. Potential historical releases from the USTs and from the explosion and fire are indistinguishable. The local Emergency Response Unit responded to the 1987 fire and explosion and their assessment indicated that 500 to 1,000 gallons of styrene and 1,000 gallons of Therminol were released during the fire and explosion. All three USTs were closed in-place as part of the remedial efforts due to the explosion and fire.

The styrene UST was last used on October 1, 1998 prior to the UST being cleaned and taken out of service in November 1998. The UST system is located beneath a concrete surface that is curbed to direct potential surface spillage from the overlying reactor equipment into a concrete-lined basin to prevent styrene from releasing to environmental media. Furthermore, the UST system is located adjacent to and under process equipment and support structures that would damage or weaken if the UST system was removed. Deltech Polymers received an Approval for Closure-In-Place from the Ohio Bureau of Underground Storage Tank Regulations (BUSTR) dated July 12, 2012 and Permit dated September 7, 2012. The UST was permanently closed in-place by filling the UST with a mortar mix on December 18, 2012. On January 8, 2013, Deltech Polymers completed a BUSTR Closure Form summarizing the history of the UST, the closure activities, and a statement that residual concentrations detected in soil and groundwater resulting from the fire and explosion are being addressed as required by the Ohio VAP. The BUSTR Closure Form was received by BUSTR on January 13, 2013. On March 28, 2013, BUSTR provided a response concluding that a release from the UST has occurred and that corrective action is necessary. The response letter also stated that BUSTR regulates USTs containing hazardous substances during closure but not for corrective action and the Closure Assessment must be submitted to the USEPA for corrective action oversight. The BUSTR Closure form summarizing the closure activities including BUSTR and USEPA correspondence are included in Attachment A.

At the same time (1998) as the closure in-place of the styrene UST, two 500-gallon Therminol USTs were closed following the same procedures as the styrene tank. Therminol is a heat transfer oil historically known to contain polychlorinated biphenyls (PCBs). The Therminol USTs were located in the same general area as the styrene UST prompting a closure in-place. Prior to the closure in 1998, BUSTR provided Deltech Polymers a letter in October 1994 stating that BUSTR does not regulate USTs containing PCBs. A copy of this letter in included in Attachment B. Also included in Attachment B are multiple correspondences from 1994 to 2004 between Deltech Polymers and BUSTR summarizing the closure activities, sampling deviation requests, and regulatory uncertainties.

Due to the regulatory uncertainty, a closure assessment report for the Therminol USTs has not been conducted.

CURRENT CONDITIONS

The former 20,000-gallon styrene UST and the two 500-gallon Therminol tanks are located in Ohio VAP Identified Area-5 (IA-5 – Process Area) and IA-1 (Site Wide Groundwater). The ongoing Ohio VAP Phase II investigation will include the collection of soil, groundwater and soil gas samples in and/or adjoining to IA-5 and IA-1. The COCs in IA-5 and IA-1 include volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals and PCBs. Figures 2 and 3 show the Property Features and the Ohio VAP IA's for the Property. Upon completion of the Ohio VAP Phase II, soil, groundwater and vapor associated with IA-5 (and the three closed USTs) will be remedied as necessary to achieve Ohio VAP applicable standards for all complete exposure pathways. The effectiveness of the remedy will be confirmed and documented in a Ohio VAP NFAL that will be submitted to Ohio EPA with a request for a Covenant Not-to-Sue. The Volunteer intends to complete the Ohio VAP process in accordance with Ohio EPA program rules and in a timely manner.

CONCLUSION

On behalf of Deltech, TRC has prepared this CADR associated with Deltech's 1250 South Union Street, Troy, Ohio 45373 facility to request a deferment in response to historical suspected releases of a hazardous substances from UST's at the Property from the USEPA to the Ohio VAP. If you are in agreement that corrective action for the USTs can be deferred to the Ohio VAP, we respectfully request USEPA's issuance of deferment or its equivalent. Thank you for your assistance.

Please feel free to contact us if you have any questions or comments.

Sincerely,

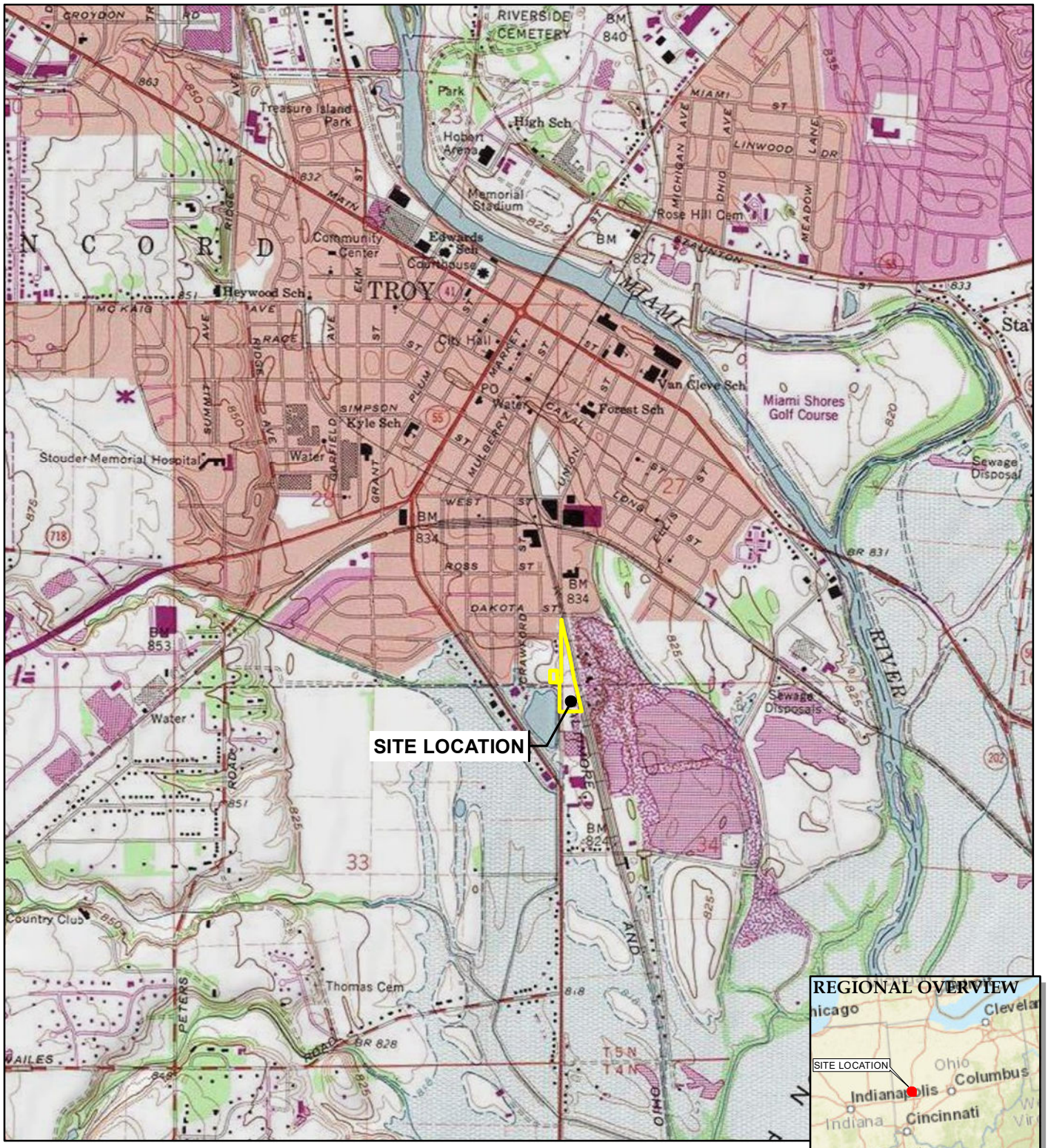
TRC Environmental Corporation

Donald A. Fay, Ohio VAP C.P. #254
Vice President

Curtis S. Kugler
Project Manager

Attachments

Figures



BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.

1 " = 2,000 '
1:24,000

0 2,000 4,000
FEET

TRC
11231 Cornell Park Drive
Cincinnati, Ohio 45242
Phone: 513.489.2255
TRC - GIS

PROJECT:

DELTECH POLYMERS

TITLE:

SITE LOCATION

DRAWN BY:	GSK
CHECKED BY:	CSK
APPROVED BY:	CSK
DATE:	SEPTEMBER 2021
PROJ. NO.:	459193.0000-1
FILE:	F01_SiteLoc.mxd

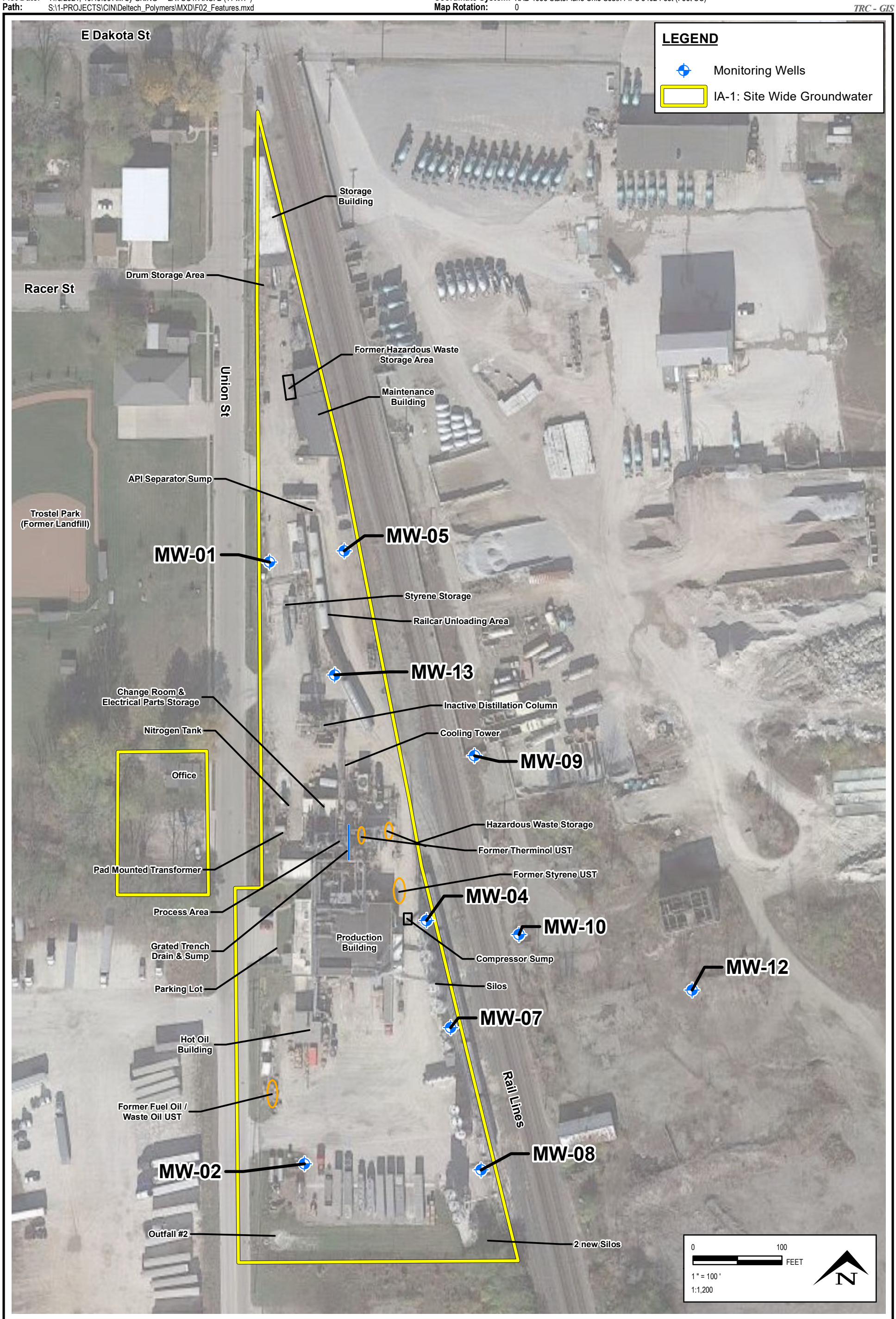
1

S:\1-PROJECTS\CIN\Deltech_Polymers\MXD\F01_SiteLoc.mxd -- Saved By: GKING on 9/30/2021, 09:17:49 AM

Plot Date: 11/3/2021, 10:49:09 AM by GKING -- LAYOUT: ANSI B (11"x17")
Path: S:\1-PROJECTS\CIN\Deltech_Polymers\MXD\F02_Features.mxd

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet (Foot US)
Map Rotation: 0

TRC - GIS



TRC
11231 Cornell Park Drive
Cincinnati, Ohio 45242
Phone: 513.489.2255

PROJECT:

DELTECH POLYMERS

DRAFT

TITLE:

SITE FEATURES
DELTECH POLYMERS
1250 SOUTH UNION STREET, TROY, OHIO 45373

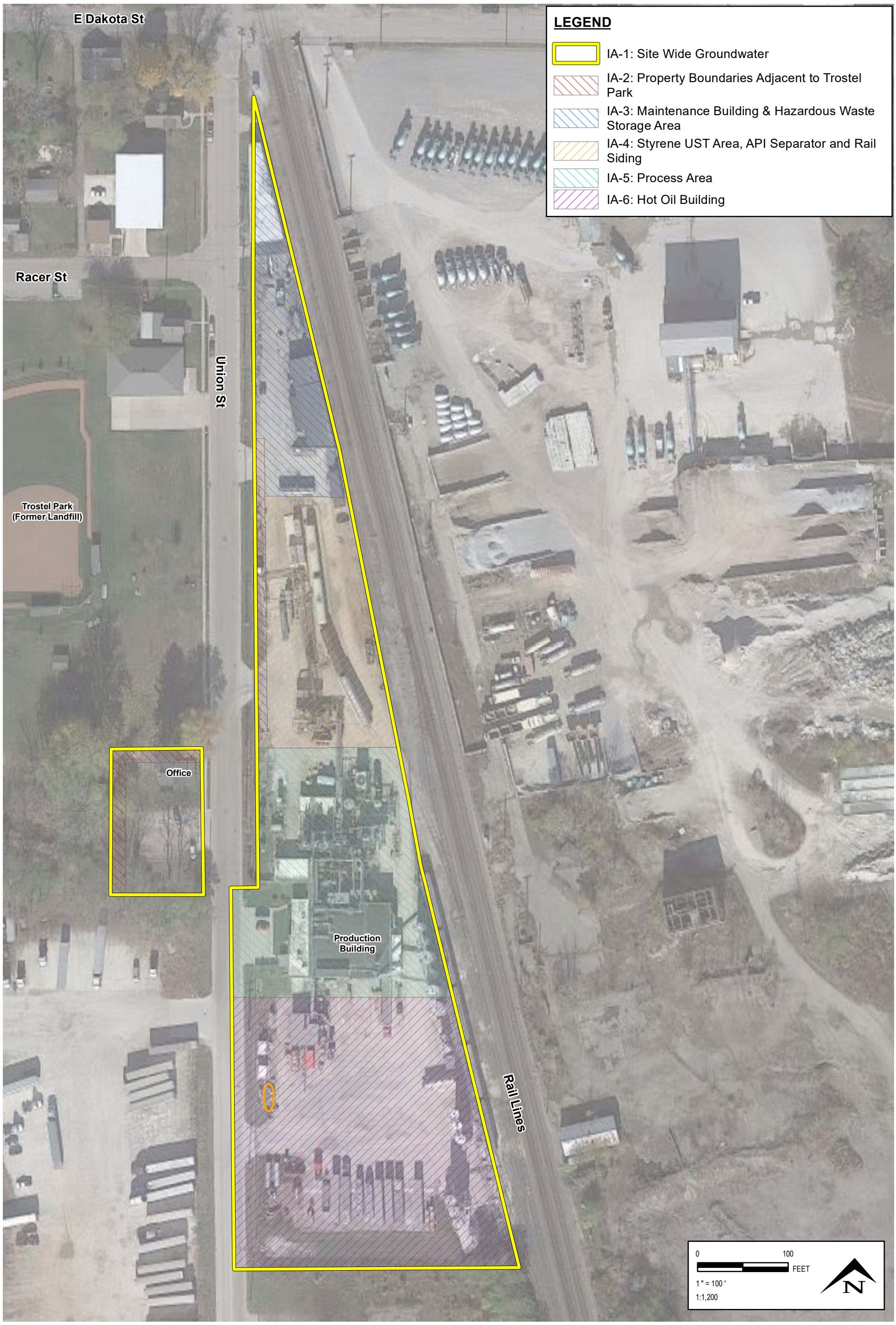
DRAWN BY:	GSK
CHECKED BY:	CSK
APPROVED BY:	CSK
DATE:	NOVEMBER 2021
PROJ. NO.:	459193.0000-1
FILE:	F02_Features.mxd

FIGURE 2

Plot Date: 10/13/2021, 14:30:11 PM by GKING -- LAYOUT: ANSI B (11"x17")
Path: S:\1-PROJECTS\CIN\Deltech_Polymers\MXD\F03_IAs.mxd

Coordinate System: NAD 1983 StatePlane Ohio South FIPS 3402 Feet (Foot US)
Map Rotation: 0

TRC - GIS



TRC
11231 Cornell Park Drive
Cincinnati, Ohio 45242
Phone: 513.489.2255

PROJECT:

DELTECH POLYMERS

DRAFT

TITLE:

IDENTIFIED AREAS
DELTECH POLYMERS
1250 SOUTH UNION STREET, TROY, OHIO 45373

DRAWN BY:	GSK
CHECKED BY:	CSK
APPROVED BY:	CSK
DATE:	OCTOBER 2021
PROJ. NO.:	459193.0000-1
FILE:	F03_IAs.mxd

FIGURE 3

Attachment A

BUSTR CLOSURE FORM – 2005

(Due within ninety days from the date of sample collection)

OWNER/OPERATOR AND FACILITY DATA

UST OWNER INFORMATION:

COMPANY: Deltech Polymers Corp.
ADDRESS: 1250 South Union Street
CITY, STATE: Troy, Ohio
ZIP: 45373
CONTACT PERSON: Tom Lowry
PHONE: (937) 339-3150
PERMIT #: P00003

FACILITY INFORMATION:

COMPANY: Deltech Polymers Corp.
ADDRESS: 1250 South Union Street
CITY: Troy
COUNTY: Miami
LAT/LONG: 40.02523 / -84.20087
FACILITY ID#: 55000232
FIRE DEPARTMENT: City of Troy, Ohio

UST OPERATOR INFORMATION:

COMPANY: Deltech Polymers Corp.
ADDRESS: 1250 South Union Street
CITY, STATE: Troy, Ohio
ZIP: 45373
CONTACT PERSON: Tom Lowry
PHONE: (937) 339-3150

PROPERTY OWNER INFORMATION:

COMPANY: Deltech Polymers Corp.
ADDRESS: 1250 South Union Street
CITY, STATE: Troy, Ohio
ZIP: 45373
CONTACT PERSON: Tom Lowry
PHONE: (937) 339-3150

DATE THE UST WAS LAST USED: October 1, 1998
PERSON (COMPANY) THAT LAST USED THE UST: Deltech Polymers Corp

SITE HISTORY AND VISUAL SITE EVALUATION

This BUSTR Closure Form concerns a 20,000 gallon steel UST used to store styrene polymer for use in the manufacturing process, last used on October 1, 1998. The UST was cleaned and taken out of service in November 1998. The UST has remained in this same state since. A letter dated January 2, 2004 is included in Appendix G presenting additional UST history. The UST is located along the eastern portion of the property owned and operated by Deltech Polymers Corporation (see Appendix A). The UST is located beneath a concrete surface that is curbed to direct spillage on the surface into a concrete lined retention basin. The UST system is located adjacent to and under process equipment and support structures that would be damaged or weakened if the UST system is removed. Deltech Polymers Corp. received an Approval for Closure-In-Place letter dated July 12, 2012 and Permit dated September 07, 2012 (Appendix B). Deltech Polymers Corp permanently closed the UST in-place by filling the UST with low strength ODOT Mortar mix on December 18, 2012 by direct placement of 100 cubic yards into the UST (Trip tickets of materials delivered are included in Appendix G). The Field Inspection Report of In-Place Closure activities is included in Appendix C. The Site is in the Ohio Voluntary Action Program (VAP) regarding an explosion that occurred at the Site in 1987. This explosion resulted in impacts to the Site soil and groundwater. Thus the elevated concentrations detected in the soil and groundwater presented within this BUSTR Closure Form are being addressed as required in the VAP.

NO UST EXCAVATION WAS CONDUCTED – UST CLOSURE IN-PLACE.

CLOSURE CONCLUSIONS

Select one of the following:

☐ A TIER 1 SOURCE INVESTIGATION IS REQUIRED
☒ NO FURTHER ACTION REQUESTED

UNDERGROUND STORAGE TANK (UST) SYSTEM DATA

UST #	AGE	CAPACITY	PRODUCT	CONST. MATERIAL	UST STATUS	DATE LAST USED	PIPE STATUS	DISP. STATUS	DATE REMOVED
T00003	±25yrs	20,000	STYRENE	STEEL	OOS>90	10/01/1998	NONE	NONE	CLOSURE IN-PLACE 12/18/2012

*STATUS= **OOS<90** – Out of Service < 90 days **OOS>90** – Out of Service > 90 days **RE** - Replace **R** - Removed*
*CIU - Currently In Use NA - Not Applicable **CIS** - Change in Service **CIP** - Closed in Place*

SAMPLE DATA

SAMPLE COLLECTION PROCEDURES:

SAMPLE PRESERVATION: Soil samples split in the field for laboratory analyses were placed directly into laboratory supplied containers (glass jars with Teflon lids). Groundwater samples placed into laboratory supplied 40-ml vials, preserved with HCl and placed into cooler with ice.

SAMPLING EQUIPMENT: Soil: GeoProbe 54DT Groundwater: Disposable polyethylene bailers

SAMPLING METHOD: Soil: Direct push methodology with 4' sample liners to refusal. Groundwater samples collected using disposable polyethylene bailers.

FIELD SCREENING:

INSTRUMENT USED: RAE MINIRAE 2000 PID WITH 10.6 EV LAMP

METHODOLOGY USED: Soil samples split in field into laboratory supplied containers and zip-lock baggies. Laboratory containers placed on ice and baggies allowed to equilibrate to ambient conditions. Probe of PID inserted into baggies and concentration of sample interval recorded.

CALIBRATION PROCEDURES:

Instrument was received calibrated by supplier (Argus-Hazco, Dayton, OH).

GROUNDWATER DATA

MARK THE CORRECT CHOICE:

SENSITIVE AREA: YES ☒ NO ☐

DEPTH TO GROUND WATER: < 15' ☐ 15-30' ☒ 31-50' ☐ > 50' ☐ ACTUAL DEPTH: 19.97
IF UNKNOWN DEPTH TO GROUND WATER, DEFAULT TO <15 FEET
IF A DEPTH TO GROUND WATER OTHER THAN <15' IS USED, DOCUMENTATION MUST BE PROVIDED.

WAS WATER PRESENT IN EXCAVATION?	YES ☐	NO ☐	N/A
WAS A WATER SAMPLE TAKEN?	YES ☒	NO ☐	GW Wells
WATER SAMPLE COLLECTED AFTER EXCAVATION EVACUATED?	YES ☐	NO ☐	N/A

IF NO, EXPLAIN: UST Closure IN-PLACE – NO EXCAVATION CONDUCTED

SOIL DATA

CIRCLE CORRECT CHOICE:

SOIL CLASSIFICATION:	SOIL CLASS 1	SOIL CLASS 2	SOIL CLASS 3
SOIL SYMBOL:	GW, GP, GM, GC, SW, SP, SM,	SC, ML, CL, OL, MH	CH, OH, PT

MARK THE CORRECT CHOICE: SOIL CLASS 1 ☒ SOIL CLASS 2 ☐ SOIL CLASS 3 ☐

NOTE: GEOTECHNICAL LAB ANALYSIS MUST BE PROVIDED IF SOIL CLASS 2 OR 3 IS USED

FIELD SCREENING DATA

DATE SAMPLE COLLECTED	SAMPLE ID	LOCATION	DEPTH	FIELD SCREENING READING	SUBMITTED TO LAB?
09/19/2012	1A	Boring B1	0-4	593	☒
09/19/2012	1B	Boring B1	4-8	60.6	☐
09/19/2012	1C	Boring B1	8-12	133	☐
09/19/2012	1D	Boring B1	12-15	46.8	☐
09/19/2012	1E	Boring B1	15-16	110	☒
09/19/2012	2A	Boring B2	0-4	49.5	☐
09/19/2012	2B	Boring B2	4-8	44.5	☐
09/19/2012	2C	Boring B2	8-12	435	☒
09/19/2012	2D	Boring B2	12-16	71.5	☐
09/20/2012	3A	Boring B3	0-4	68.8	☐
09/20/2012	3B	Boring B3	4-8	23.2	☐
09/20/2012	3C	Boring B3	8-12	457	☐
09/20/2012	3D	Boring B3	12-16	2264	☐
09/20/2012	3E	Boring B3	16-20	>9999	☒
09/20/2012	4A	Boring B4	0-4	364	☒
09/20/2012	4B	Boring B4	4-8	214	☐
09/20/2012	4C	Boring B4	8-12	103	☐
09/20/2012	4D	Boring B4	12-16	67.7	☒

					☐
					☐
					☐
					☐

NAME AND AFFILIATION OF PERSON COLLECTING SAMPLES:
T. Greetis, KEI

DIMENSIONS OF EXCAVATION: No Excavation Conducted – CLOSURE IN-PLACE

LABORATORY DATA

LABORATORY NAME: S&S ONSITE ANALYTICAL LLC

ADDRESS: 7277 TOWNSHIP ROAD 95, FINDLAY, OHIO

PHONE #: (419) 722-4597

LABORATORY ANALYST NAME: ROBERT SCHOCK

CHEMICAL OF CONCERN / TEST METHOD: Soils: VOCs / 8260 Water: VOCs / 8260

DATE SAMPLES RECEIVED BY LAB: Soils: 09/25/2012 Water: 11/01/2012

DATE SAMPLES ANALYZED BY LAB: Soils: 09/25/2012 Water: 11/03/2012

UST EXCAVATION ANALYTICAL RESULTS

	WATER	WATER	ACTION	SOIL	SOIL	SOIL	ACTION
SAMPLE ID:	MW4	MW6	LEVEL	1A	1E	2C	LEVEL
CHEMICAL OF CONCERN:							
BENZENE	<0.00154	<0.00154	0.005	<0.00086	<0.00086	<0.00086	0.149
TOLUENE	<0.00153	<0.00153	1	4.35	0.81	28.9	49.1
ETHYLBENZENE	<0.00143	0.00874	0.7	77.3E	9.38	291 E	45.5
TOTAL XYLENES	<0.00467	<0.00467	10	3.69	0.59 J	13.7	15.7
MTBE	<0.00246	<0.00246	0.04	<0.00107	<0.00107	<0.00107	0.470
BENZO (a) ANTHRACENE	NT	NT	0.00026	NT	NT	NT	11.0
BENZO (a) PYRENE	NT	NT	0.0002	NT	NT	NT	1.1
BENZO (b) FLUORANTHENE	NT	NT	0.00017	NT	NT	NT	11.0
BENZO (k) FLUORANTHENE	NT	NT	0.0017	NT	NT	NT	110.0
CHRYSENE	NT	NT	0.047	NT	NT	NT	1,100.0
DIBENZ (a,h) ANTHRACENE	NT	NT	0.0002	NT	NT	NT	1.1
INDENO (1,2,3-cd) PYRENE	NT	NT	0.00022	NT	NT	NT	11.0
NAPHTHALENE	<0.00286	<0.00286	0.14	0.32 J	0.16 J	0.12 J	39.8
TPH (C6-C12)	NT	NT	-	NT	NT	NT	1,000.0
TPH (C10-C20)	NT	NT	-	NT	NT	NT	2,000.0
TPH (C20-C34)	NT	NT	-	NT	NT	NT	5,000.0
OTHER: Styrene	<0.00180	0.00590	0.100 [a]	55.4E	11.1	378 E	1,700 [a]
Isopropylbenzene	<0.00154	<0.00154	1.400 [a]	2.72	0.38	9.56	260 [a]
n-propylbenzene	<0.00150	<0.00150	NE	1.84	0.27 J	4.58	NE
1,3,5-trimethylbenzene	<0.00191	<0.00191	0.140 [a]	<0.00144	<0.00144	<0.00144	95 [a]
1,2,4-trimethylbenzene	<0.00181	<0.00181	0.140 [a]	<0.00128	<0.00128	0.14 J	120 [a]
n-butylbenzene	<0.00119	<0.00119	NE	<0.00121	<0.00121	0.14 J	NE
Sec-butylbenzene	<0.00175	<0.00175	NE	0.16 J	<0.00135	<0.00135	NE

UST EXCAVATION ANALYTICAL RESULTS (CONTINUED)

SAMPLE ID:	WATER MW13	WATER B4	ACTION LEVEL	SOIL 3E	SOIL 4A	SOIL 4D	ACTION LEVEL
CHEMICAL OF CONCERN:							
BENZENE	<0.00154	<0.00154	0.005	<0.00086	<0.00086	<0.00086	0.149
TOLUENE	<0.00153	<0.00153	1	124 E	15.1	2.69	49.1
ETHYLBENZENE	<0.00143	0.453E	0.7	223 E	119 E	20.7	45.5
TOTAL XYLENES	<0.00467	0.01685	10	102.2	11.98	2.00	15.7
MTBE	<0.00246	<0.00246	0.04	<0.00107	<0.00107	<0.00107	0.470
BENZO (a) ANTHRACENE	NT	NT	0.00026	NT	NT	NT	11.0
BENZO (a) PYRENE	NT	NT	0.0002	NT	NT	NT	1.1
BENZO (b) FLUORANTHENE	NT	NT	0.00017	NT	NT	NT	11.0
BENZO (k) FLUORANTHENE	NT	NT	0.0017	NT	NT	NT	110.0
CHRYSENE	NT	NT	0.047	NT	NT	NT	1,100.0
DIBENZ (a,h) ANTHRACENE	NT	NT	0.0002	NT	NT	NT	1.1
INDENO (1,2,3-cd) PYRENE	NT	NT	0.00022	NT	NT	NT	11.0
NAPHTHALENE	<0.00286	<0.00286	0.14	0.44 J	<0.00174	<0.00174	39.8
TPH (C6-C12)	NT	NT	-	NT	NT	NT	1,000.0
TPH (C10-C20)	NT	NT	-	NT	NT	NT	2,000.0
TPH (C20-C34)	NT	NT	-	NT	NT	NT	5,000.0
OTHER: Styrene	<0.00180	0.230	0.100 [a]	351 E	213 E	53.8 E	1,700 [a]
Isopropylbenzene	<0.00154	0.00157J	1.400 [a]	106 E	10.5	1.54	260 [a]
n-propylbenzene	<0.00150	<0.00150	NE	86.6 E	8.56	1.21	NE
1,3,5-trimethylbenzene	<0.00191	<0.00191	0.140 [a]	1.08	<0.00144	<0.00144	95 [a]
1,2,4-trimethylbenzene	<0.00181	<0.00181	0.140 [a]	0.92	<0.00128	<0.00128	120 [a]
n-butylbenzene	<0.00119	<0.00119	NE	0.37	<0.00121	<0.00121	NE
Sec-butylbenzene	<0.00175	<0.00175	NE	<0.00135	<0.00135	<0.00135	NE

E = Concentration in sample exceeds the calibration range of the instrument.
J =Compound results were between the Method Detection Limit (MDL) and Reporting Limit (RL).
[a] = OEPA VAP Action Level in accordance with OAC 3745-300-08 effective date 03/01/2009
NE = Not established

Concentrations are reported in mg/kg for soil and mg/L for water

IF ACTION LEVELS ARE EXCEEDED, CONDUCT A TIER 1 SOURCE INVESTIGATION PURSUANT TO OAC 1301:7-9-13(H).

NOTE:

DATA PRESENTED IN ABOVE TABLE REPRESENTS SOIL DATA FROM SOIL BORINGS COMPLETED SURROUNDING THE UST AND GROUNDWATER SAMPLING FROM NEARBY MONITORING WELLS. LABORATORY ANALYTICAL REPORTS AND ASSOCIATED CHAIN-OF-CUSTODY REPORTS ARE INCLUDED IN APPENDIX D AND E RESPECTIVELY.

PIPING RUN, REMOTE FILL PIPE, DISPENSER ISLAND ANALYTICAL RESULTS

SAMPLE ID:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	ACTION LEVEL
CHEMICAL OF CONCERN:								
BENZENE								0.149
TOLUENE								49.1
ETHYLBENZENE								45.5
TOTAL XYLENES								15.7
MTBE								0.470
BENZO (a) ANTHRACENE								11.0
BENZO (a) PYRENE								1.1
BENZO (b) FLUORANTHENE								11.0
BENZO (k) FLUORANTHENE								110.0
CHRYSENE								1,100.0
DIBENZ (a,h) ANTHRACENE								1.1
INDENO (1,2,3-cd) PYRENE								11.0
NAPHTHALENE								39.8
TPH (C6-C12)								1,000.0
TPH (C10-C20)								2,000.0
TPH (C20-C34)								5,000.0
OTHER:								

NOT APPLICABLE
NO UST EXCAVATION
CLOSURE IN-PLACE

IF ACTION LEVELS ARE EXCEEDED, CONDUCT A TIER 1 SOURCE INVESTIGATION PURSUANT TO OAC 1301:7-9-13(H).

STOCKPILE ANALYTICAL RESULTS

							ACTION LEVEL	RE-USE LEVEL
STOCKPILE ID:								
CUBIC YARDS:								
STOCKPILE DISPOSITION*								
CHEMICAL OF CONCERN:								
BENZENE							0.149	0.015
TOLUENE							49.1	4.91
ETHYLBENZENE							45.5	4.55
TOTAL XYLENES							15.7	15.7
MTBE							0.470	0.047
BENZO (a) ANTHRACENE							11.0	2.2
BENZO (a) PYRENE							1.1	1.1
BENZO (b) FLUORANTHENE							11.0	5.53
BENZO (k) FLUORANTHENE							110.0	1.97
CHRYSENE							1,100.0	1.27
DIBENZ (a,h) ANTHRACENE							1.1	0.94
INDENO (1,2,3-cd) PYRENE							11.0	0.15
NAPHTHALENE							39.8	3.98
TPH (C6-C12)							1,000.0	1,000.0
TPH (C10-C20)							2,000.0	2,000.0
TPH (C20-C34)							5,000.0	5,000.0
OTHER:								

NOT APPLICABLE
NO UST EXCAVATION
CLOSURE IN-PLACE

R=*RETURNED TO CAVITY* **L**=*LANDFILL* **S**=*STOCKPILED* **T**=*TREATMENT BY O/O (requires PCS Treatment Plan)*

Revised 3/4/2005

WASTE DISPOSAL DATA

UST SYSTEM DISPOSITION:

NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

NOT APPLICABLE
NO UST EXCAVATION
CLOSURE IN-PLACE

PRODUCT DISPOSITION:

NAME: _____
ADDRESS: _____
CITY: _____
STATE/ZIP: _____
VOLUME/GALLONS: _____

WASTEWATER DISPOSITION:

NAME: _____
ADDRESS: _____
CITY: _____
STATE/ZIP: _____
VOLUME/GALLONS: _____

NO UST REMOVED – CLOSURE IN-PLACE

PETROLEUM CONTAMINATED SOIL (PCS) FORM

This form should be completed and submitted within 120 days of generating a stockpile, within 180 days of placing the soil in portable containers, or prior to storage or treatment, whichever comes first.
A separate PCS form shall be completed for each stockpile generated.

OWNER/OPERATOR INFORMATION		
OWNER/OPERATOR NAME	CONTACT PERSON	AREA CODE-PHONE
CITY	STATE	ZIP CODE

UST FACILITY INFORMATION	STORAGE FACILITY INFORMATION	FACILITY WHERE SOILS WILL BE DISPOSED OF OR TREATED
FACILITY ID#	FACILITY ID#	
FACILITY NAME	FACILITY NAME	FACILITY NAME
ADDRESS	ADDRESS	ADDRESS
CITY STATE ZIP CODE	CITY STATE ZIP CODE	CITY STATE ZIP CODE
TELEPHONE COUNTY	TELEPHONE COUNTY DATE TRANSFERRED	STOCKPILE DESIGNATION (e.g., pile #1, pile from waste oil cavity, etc.)

DATE STOCKPILE WAS GENERATED _____

Cubic Yards

_____ On-site treatment (requires a treatment plan)
_____ Off-site treatment (requires a treatment plan)
_____ Soil analysis falls below Rule 16 re-use levels (RUL)
_____ Returned to excavation (below site specific action levels) (RTE BAL)
_____ Returned to excavation (above site specific action levels) (RTE AAL)
_____ Disposal at a landfill (LFL)
_____ Disposal at a treatment facility (COM)
_____ Stockpile remains on-site (provide written explanation) (SOS)

NOT APPLICABLE
NO UST EXCAVATION
CLOSURE IN-PLACE

Revised 3/4/2005

MISCELLANEOUS DATA

ADDITIONAL INFORMATION WHICH IS REQUIRED BY OAC 1301:7-9-12 OR ADDITIONAL INFORMATION WHICH CLARIFIES CLOSURE ACTIVITIES SHALL BE SUBMITTED AS APPENDICIES TO THIS REPORT.

THE FOLLOWING ITEMS MUST BE ATTACHED:

Appendix A – Figures (includes Topographic & Site Maps)
Appendix B - Permit
Appendix C - Field inspection report
Appendix D - Laboratory analytical report
Appendix E - Chain of custody form
Appendix F - Disposal documentation
Appendix G – Miscellaneous Data

SITE MAP: Site maps, drawn to scale, must be included in Appendix A. Maps should include property boundaries, street locations, UST cavity dimensions, above ground structures, UST systems, adjacent properties, sample locations, any utilities, and the location(s) of previously closed UST systems.

CERTIFIED FIRE SAFETY INSPECTOR:

NAME:	Doug Parks
COMPANY/FD:	UST IS LLC
ADDRESS:	Brookville, Ohio
PHONE #:	(937) 657-5271
INSPECTOR ID #:	64-57-0007

CERTIFIED INSTALLER:

NAME:	Wayne Roether
COMPANY	Alpha Ram
ADDRESS	Cincinnati, Ohio
PHONE #	(513) 661-4031
ID #:	63-31-0018

CLOSURE FORM PREPARED BY:

NAME:	T. Kilbane
COMPANY:	Kilbane Environmental Inc.
ADDRESS:	11554 Lebanon Rd., Cincinnati, OH 45241
PHONE #:	(513) 874-6650
EMAIL:	info@kilbaneenv.com

NO UST REMOVED – CLOSURE IN-PLACE

Closure Form **must** be signed by the UST owner/operator. The owner/operator is responsible for ensuring all data is accurate, and the closure form is legible and complete.

OWNER / OPERATOR SIGNATURE: Thomas M. Lowey

PRINT NAME: Thomas M. Lowey **DATE:** 1-8-13

CHEMICALS OF CONCERN AND RECOMMENDED LABORATORY METHODS

Analytical Group 1 - light distillate products - including unleaded gasoline, leaded gasoline and aviation gasoline;

Analytical Group 2 - middle distillate products - including diesel, light fuel oils, stoddard solvents, mineral spirits, kerosene, and jet fuels;

Analytical Group 3 - heavy petroleum distillate products - including, but not limited to, lubricating and hydraulic oils;

Analytical Group 4 - used oil

Analytical Group 5 - unknown petroleum products or petroleum products other than those listed in analytical groups 1, 2, 3 and 4. Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

	Analytical Group Number	**1**	**2**	**3**	**4**	**5**	**Analytical Methods**
		Light Distillates	Middle Distillates	Heavy Distillates	Used Oil	Unknowns & Others	
	Chemical						
Aromatics	Benzene	x	x		x		8021/8260
	Toluene	x	x		x		
	Ethylbenzene	x	x		x		
	o, m and p-Xylenes	x	x		x		
Additives	Methyl tertiary-butyl ether (MTBE)	x			x		
Polynuclear Aromatics	Benzo(a)anthracene		x	x	x		8270/8310
	Benzo(a)pyrene		x	x	x		
	Benzo(b)fluoranthene		x	x	x		
	Benzo(k)fluoranthene		x	x	x		
	Chrysene		x	x	x		
	Dibenz(a,h)anthracene		x	x	x		
	Indeno(1,2,3-c,d)pyrene		x	x	x		
	Naphthalene		x	x	x		
Chlorinated Hydrocarbons	Volatile Organic Hydrocarbons				x		8260
Total Petroleum Hydrocarbons *1	TPH (C6 – C12)	x			x		8015
	TPH (C10 – C20)		x		x		
	TPH (C20 – C34)			x	x		
	Varies based on UST contents			x	x	*2	

*1 TPH analysis is not required for ground water samples.

*2 Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

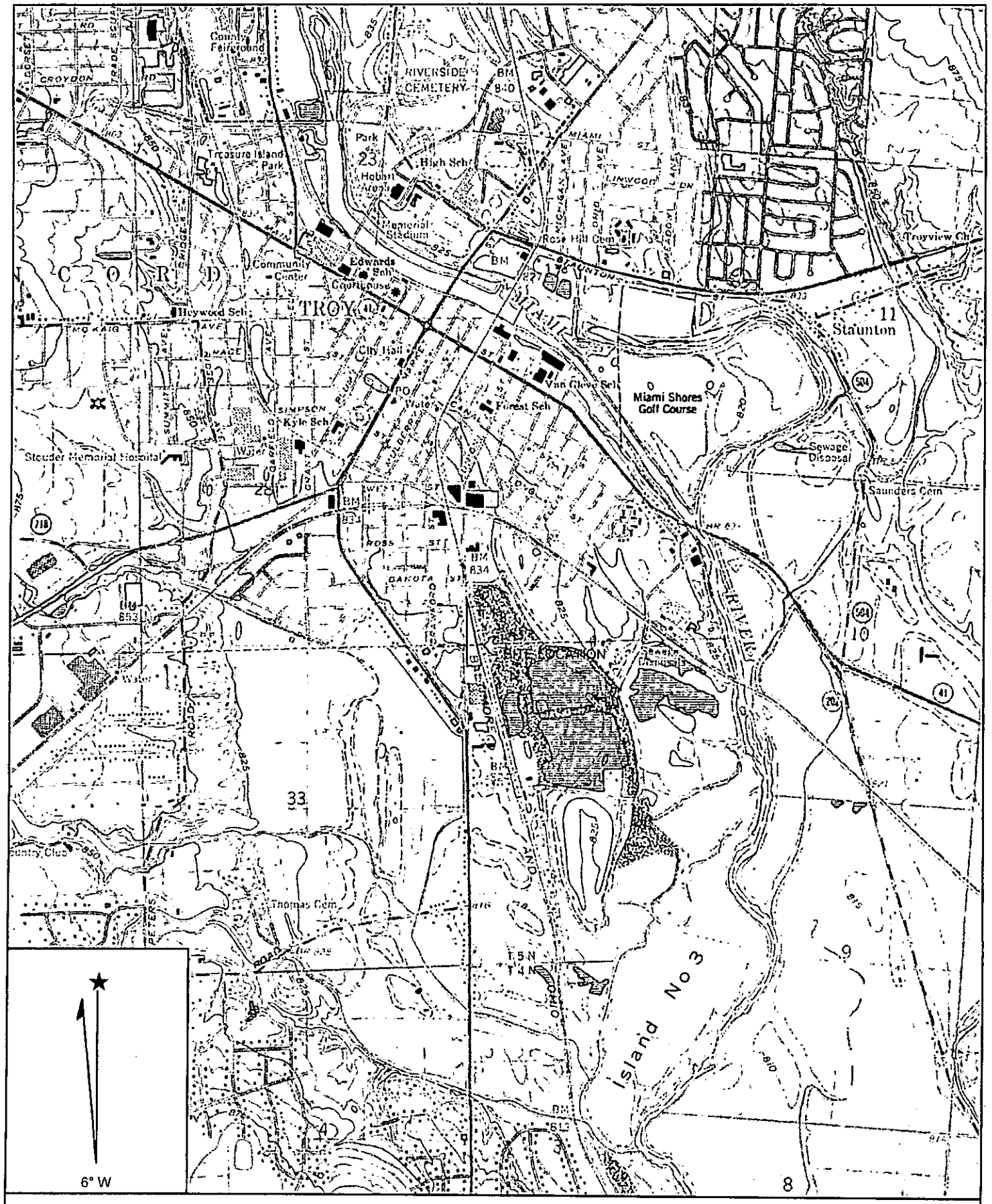
BUSTR CLOSURE ACTION LEVELS					
Chemicals of Concern	**Soil Action Levels**			**Water**	**PCS Re-use**
	Class 1 Soils	**Class 2 Soils**	**Class 3 Soils**		
Benzene	0.149	0.252	0.937	0.005	0.015
Toluene	49.1	70.8	86.0	1	4.91
Ethylbenzene	45.5	83.0	282.0	0.7	4.55
Total Xylenes	15.7	18.0	21.7	10	15.7
MTBE	0.470	0.788	3.440	0.04	0.047
Benzo(a)anthracene	11.0	11.0	11.0	0.00026	2.2
Benzo(a)pyrene	1.1	1.1	1.1	0.0002	1.1
Benzo(b)flouranthene	11.0	11.0	11.0	0.00017	5.53
Benzo(k)flouranthene	110.0	110.0	110.0	0.0017	1.97
Chrysene	1,100.0	1,100.0	1,100.0	0.047	1.27
Dibenz(a,h)anthracene	1.1	1.1	1.1	0.0002	0.94
Indeno(1,2,3-cd) pyrene	11.0	11.0	11.0	0.00022	0.15
Naphthalene	39.8	54.0	54.0	0.14	3.98
TPH C_6-C_{12}	1,000.0	5,000.0	8,000.0	-	1,000.0
TPH C_{10}-C_{20}	2,000.0	10,000.0	20,000.0	-	2,000.0
TPH C_{20}-C_{34}	5,000.0	20,000.0	40,000.0	-	5,000.0

Soil contaminant levels in mg/kg

Water contaminant levels in mg/L

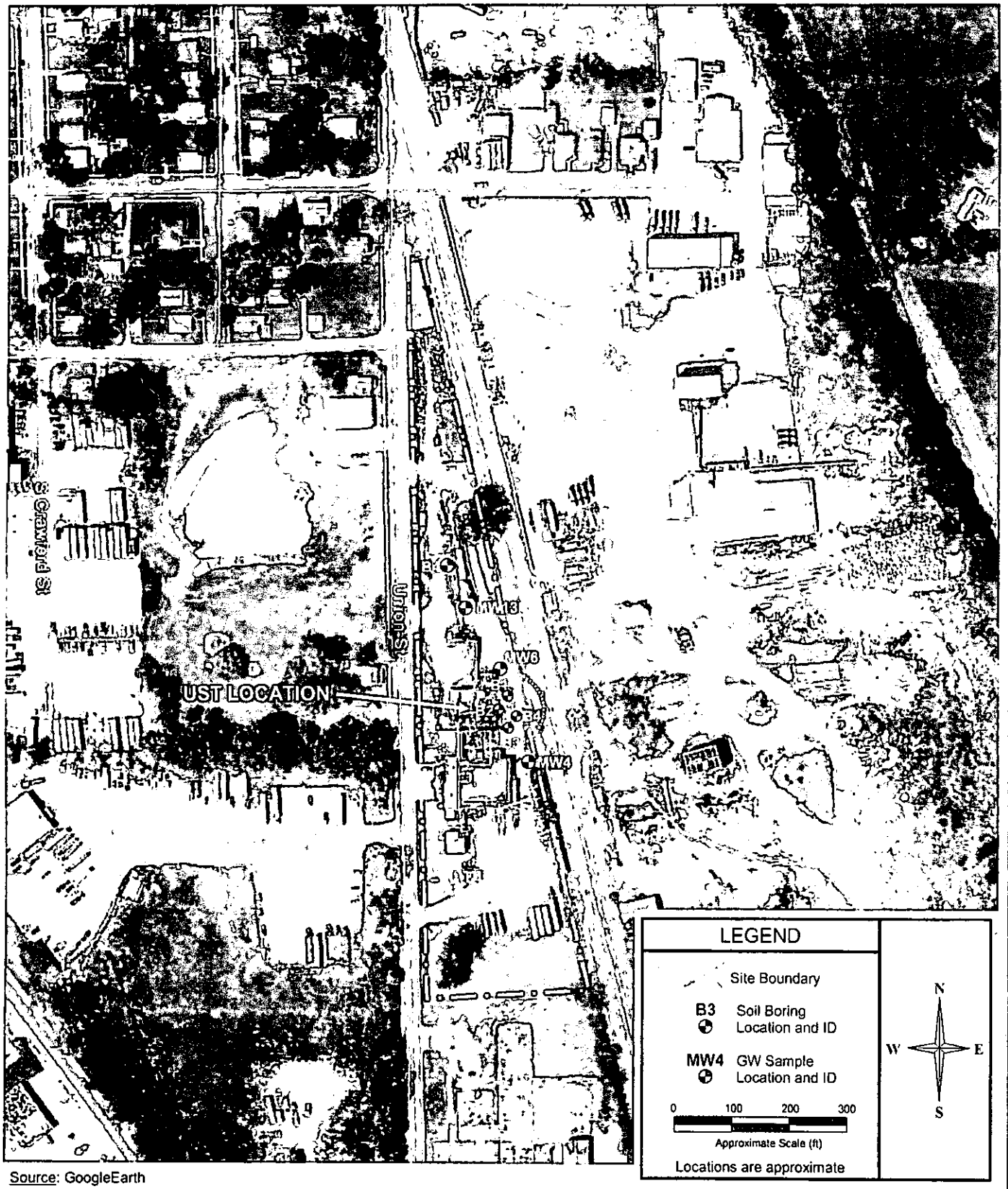
APPENDIX A

FIGURES



Name: TROY
Date: 11/29/2012
Scale: 1 inch equals 2000 feet

Location: 040° 01' 37.9" N 084° 11' 57.1" W
Caption: FIGURE 1
SITE LOCATION MAP
Project No: 22150(1)



Source: GoogleEarth

KILBANE
Environmental, Inc.

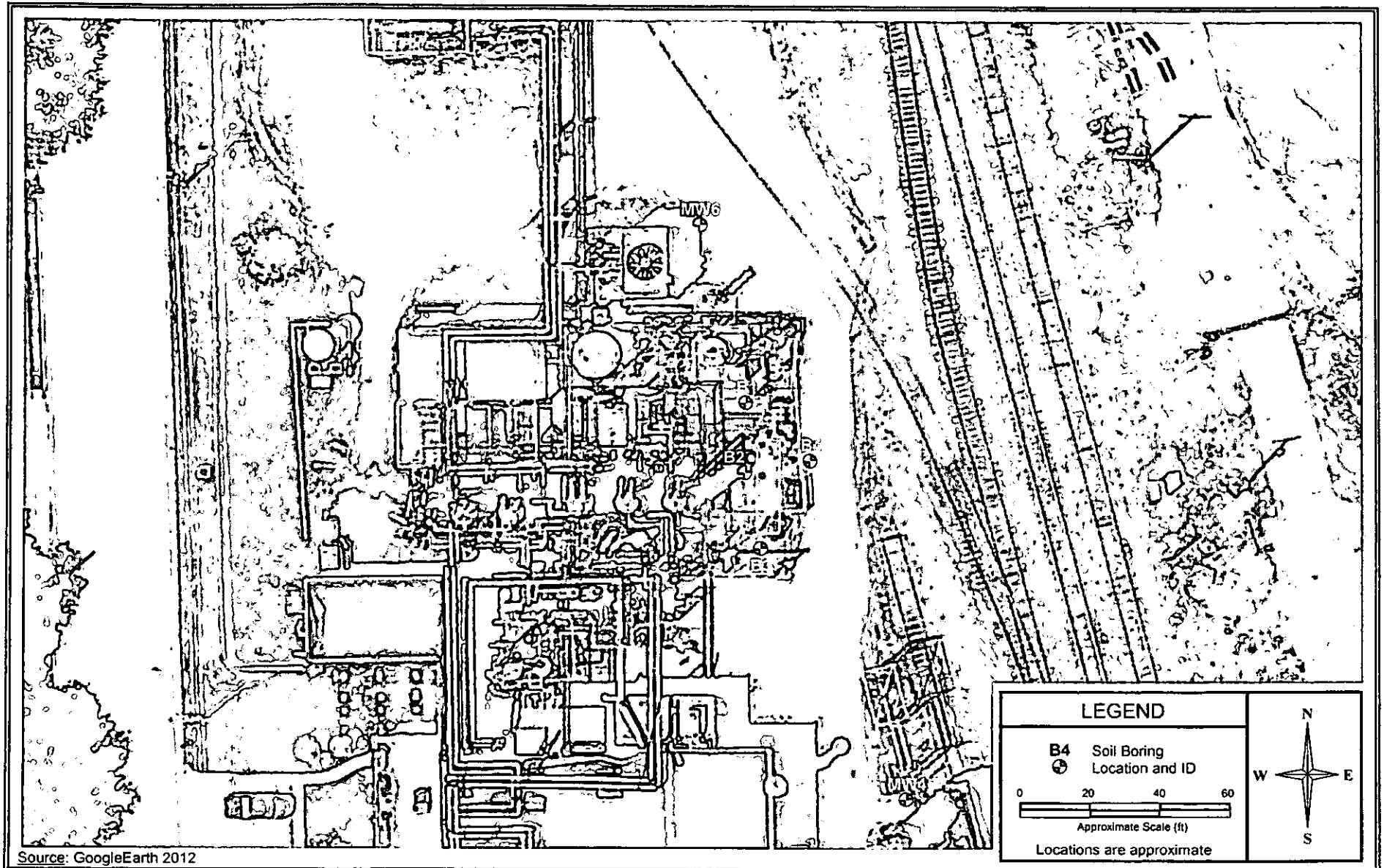
11554 Lebanon Road
Cincinnati, Ohio 45241

FIGURE 2
SITE MAP

1250 S. Union Street
Troy, Miami County, Ohio

KEI Project No.: 22150(4)

Prepared By	No.	Date
tag	00	27 NOV 2011



Source: GoogleEarth 2012

KILBANE Environmental, Inc.

11554 Lebanon Road
Cincinnati, Ohio 45241

FIGURE 3
SOIL BORING LOCATIONS

1250 S. Union Street
Troy, Miami County, Ohio

KEI Project No: 22150

Prepared By	No.	Date
tag	00	27 NOV 2012

APPENDIX B

PERMIT

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
David Goodman, Director

JULY 12, 2012

TOM LOWRY
DELTECH POLYMERS CORP.
1250 S UNION ST
TROY, Ohio 45373

RE: Closure-In-Place of T00003, a 20,000-Gallon Hazardous Substance Underground Storage Tank (UST) Located at Deltech Polymers Corp., 1250 South Union Street, Troy, Ohio, Facility # 55000232.

Dear Mr. Lowry:

Based on the Bureau of Underground Storage Tank Regulation's evaluation of the UST at the above referenced location, the 20,000-Gallon UST is hereby approved for closure-in-place with the following conditions:

1. The closure-in-place is to be performed in accordance with API 1604;
2. Remove all flammable or combustible liquid from the UST and all connecting lines;
3. Remove all sludge from the UST and thoroughly rinse and flush the UST and piping;
4. Disconnect the suction, inlet gauge, and vent lines and cap the remaining underground piping;
5. Fill the UST completely with an inert, solid material that has a density greater than the density of water;
6. Keep a record of UST size, location, date of closure-in-place, and method used for placing the USTs in a safe condition; and
7. Conduct a closure assessment as required by Ohio Administrative Code 1301:7-9-12, if applicable.

This letter is not a permit to perform work. Prior to performing the closure-in-place, you must obtain a permit pursuant to paragraph (C) of rule 1301:7-9-10 of the Administrative Code. An application for a permit may be obtained by visiting the BUSTR web site at http://www.com.ohio.gov/fire/ReleasePreventionInformation.aspx or by contacting the Testing and Registration Bureau at (877) 264-0023. In addition, a certified UST Installer must perform the closure-in-place, and an UST Inspector must be present during the closure-in-place.

If you have any questions, feel free to contact Steven Krichbaum at (614) 752-7938.

Sincerely,

William L. Hills
Chief – BUSTR
Division of State Fire Marshal
Ohio Department of Commerce

WH:anm

c: File
Mike C. Miller, BUSTR Inspector
Drue Roberts, Corrective Actions Coordinator
Martha Fullemann, Testing & Registration

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
David Goodman, Director

PERMIT FOR UNDERGROUND STORAGE TANKS

Owner No. W000837
Facility No. 55000232

Permit Number: P00003
Issue Date: SEPTEMBER 07,2012

I. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
DELTECH POLYMERS CORP. 1250 S UNION ST TROY, OHIO 45373 CONTACT PERSON: TOM LOWRY PHONE: OWNER PHONE	DELTECH POLYMERS CORP. 1250 S UNION ST TROY Ohio 45373 COUNTY: MIAMI PHONE: (937)335-5286
III. CONTRACTOR INFORMATION	**IV. LOCAL FIRE DEPARTMENT INFORMATION**
KILBANE ENVIRONMENTAL INC WAYNE ROETHER 11554 LEBANON RD CINCINNATI, OHIO 45241 PHONE:(513)874-6650	TROY FIRE DEPARTMENT 1528 N MARKET ST TROY, OH 45373

V. CONDITIONS: OWNER'S COPY OF PERMIT MUST BE AVAILABLE ON JOB SITE.
PERMIT EXPIRES SIX (6) MONTHS FROM DATE OF ISSUE. FEE IS NON-REFUNDABLE.
AS A CONDITION OF THIS PERMIT, AN INSPECTOR MUST BE ON THE JOB SITE.
PERMITCONDITIONS

VI. PERMIT ISSUED FOR:

Works to be performed					
	Entire System	UST	Piping	Containment	Ancillary Equipment
Installation					
Modification					
Replace					
Major Repair					
Removal					
Close in Place	0	1	0	0	0
Change in Service					
Out-of-Service					

BUREAU USE ONLY

Certified Installer's Name: _____ No. _____

Certified Inspector's Signature: _____ No. _____

Bureau of Testing & Registration
8895 East Main Street, P.O. Box 529
Reynoldsburg, OH 43068

614 | 752 7126
Fax 614 | 995 4206
TTY/TDD 877 | 264 0023
www.com.ohio.gov

APPENDIX C

FIELD INSPECTION REPORT

State of Ohio, Department of Commerce
Division of State Fire Marshal—Bureau of Testing & Registration
P.O. Box 529, Reynoldsburg, Ohio 43068
Phone (614) 752-7126 Fax (614) 995-4206

Removal Inspection Field Report

(For Removal, Closure in Place, Out of Service, and Changes in Service Activity)

Page of

Inspection: Preliminary [ ] Final [X] Permit Date 9/7/12

Facility # 35000232 Permit # P03

Ownership of Tanks:
DELTECH POLYMERS CORP.
1250 S. UNION ST.
TROY, OH 45373
TOM LOWRY (937) 335-5286

Location of Tanks:
DELTECH POLYMERS CORP
1250 S. UNION ST.
TROY, OH 45373

Sensitive Area: Yes [ ] No [ ]

Tank/System Information	Tank # 2 Cavity# 1	Tank # Cavity#	Tank # Cavity#	Tank # Cavity #
Components Undergoing Work: T=Tank, P=Piping, S=System, C=Containment, A=Ancillary	T P (S) C A	T P S C A	T P S C A	T P S C A
Inspection Description	Close in Place			
Date Last Used	2010			
Underground Tank Capacity (list gallons)	20000			
Substance Stored	Polymer Styrene			
Tank Construction	BM			
Piping Construction	BM			
Pressure, Suction or Gravity Piping	G			
LEL/O2 (indicate %)	0% 21%			
Tank Cleaned on Site	(Yes) or No	Yes or No	Yes or No	Yes or No
Holes in Tank	Yes or (No)	Yes or No	Yes or No	Yes or No
Holes in Piping	Yes or (No)	Yes or No	Yes or No	Yes or No
Cavity Appearance*				
Piping Run Appearance*				
Beneath Dispenser Appearance*	None			
Closure in Place (written approval obtained)	(Yes) or No	Yes or No	Yes or No	Yes or No
Out of Service (more than 90 days)(system secured)	Yes or (No)	Yes or No	Yes or No	Yes or No
Change in Service (regulated to non-regulated)	Yes or (No)	Yes or No	Yes or No	Yes or No

Remarks: CLOSURE IN PLACE OF 1 20K BM UST. TANK
CLEANED & FILLED WITH SLURRY

*Indicate O = Odor, W = Water, ST = Staining, FP = Free Product, SH = Sheen

Certified Installer Number: 03-31 0018
Certified Installer Name (printed): WAYNE FOETHER
Certified Installer Signature: Wayne Foether
Date: 12-18-12

Certified Inspector Number: 64-57-0007
Certified Inspector Name (printed): DOUG PARKS
Certified Inspector Signature: Doug Parks
Date: 12/18/12 Hours on Site:

APPENDIX D

LABORATORY ANALYTICAL REPORTS

S&S Onsite Analytical, Ltd.
Phone (419) 422-9796
Fax (419) 422-4840
Cell (419) 722-4597

7277 Township Rd. 95
Findlay, Ohio 45840

Email bschock212@aol.com

Case Narrative

Kilbane Environmental
11554 Lebanon Rd.
Cincinnati, OH 45241

September 30, 2012

Project # 22150 (Deltech)

All VOA samples collected for analysis by the laboratory for this project were extracted and analyzed within the respective holding times for the analyses performed. Sample results for all soil samples submitted to the laboratory were reported on a "dry weight" basis.

Volatile analysis for the presence of target analytes was performed using USEPA Method 8260b utilizing a Tekmar® Purge and Trap system coupled to a Hewlett Packard® 5890/5971 GC/MS system. Water samples were either analyzed directly or diluted to bring target analytes within the linear range of the instrument. Soil samples were extracted with Purge and Trap grade methanol and an aliquot of the methanol was purged through the system. Volatile results were calculated directly from the 8260 curve.

Results listed between the MDL and the RL should be considered estimated values. In addition, sample results that exceed the calibration range of the instrument should also be considered estimated results. All samples that exceeded the linear range of the calibration curve, following any reasonable dilutions, for the sample results are flagged with an "E"; these levels are estimated and should be considered minimum values for the compounds reported.

All tune and calibration criteria were within method parameters for the compounds of interest.

NOTE:

All Water VOC results are in ug/L or (ppb).
All Soil VOC results are in mg/Kg or (ppm).

Data Qualifiers

B Compound was detected in the blank.
U Compound was analyzed for but not detected above the MDL.
J The compound results were between the MDL and the RL.
E The concentration found in the sample exceeds the calibration range of the instrument.
NOTE: Reporting Limits reflect any sample dilutions that may have been performed.

S&S Onsite Analytical, Ltd.

Phone (419) 422-9796
Fax (419) 422-4840
Cell (419) 722-4597

7277 Township Rd. 95
Findlay, Ohio 45840

Email bschock212@aol.com

SAMPLE RESULTS

Sample ID	B-1 (0-4')		
Lab ID	DF453		
Collection Date	9/19/12		
Analysis Date	9/25/12		
Run No.	V0925005		
sample matrix	S		Calc'd
Compound	MDL	RL	result mg/Kg
Diclorodifluoromethane	0.00216	0.648	U
Chloromethane	0.00217	0.651	U
Vinyl Chloride	0.00189	0.567	U
Bromomethane	0.00245	0.735	U
Chloroethane	0.00588	1.764	U
Trichlorofluoromethane	0.00150	0.450	U
Diethyl ether	0.00118	0.354	U
1,1-Dichloroethene	0.00279	0.837	U
Carbon disulfide	0.00525	1.575	U
Iodomethane	0.00180	0.540	U
Allyl chloride	0.00051	0.153	U
Methylene Chloride	0.00174	0.522	U
Acetone	0.00329	0.987	U
trans-1,2-Dichloroethene	0.00080	0.240	U
Methyl-t-butyl ether (MTBE)	0.00107	0.321	U
1,1-Dichloroethane	0.00131	0.393	U
Acrylonitrile	0.00175	0.525	U
cis-1,2-Dichloroethene	0.00130	0.390	U
2,2-Dichloropropane	0.00155	0.465	U
Bromochloromethane	0.00064	0.192	U
Chloroform	0.00101	0.303	U
Carbon Tetrachloride	0.00135	0.405	U
Methyl acrylate	0.00165	0.495	U
1,1,1-Trichloroethane	0.00136	0.408	U
1,1-Dichloropropene	0.00761	2.283	U
2-Butanone	0.01500	4.500	U
1-Chlorobutane	0.00151	0.453	U
Benzene	0.00086	0.258	U
Propionitrile	0.00191	0.573	U
1,2-Dichloroethane	0.00112	0.336	U
Trichloroethene	0.00099	0.297	U
Dibromomethane	0.00104	0.312	U
1,2-Dichloropropane	0.00080	0.240	U
Bromodichloromethane	0.00113	0.339	U
Methyl methacrylate	0.00117	0.351	U
cis-1,3-Dichloropropene	0.00077	0.231	U
Toluene	0.00099	0.297	4.35

S&S Onsite Analytical, Ltd.
Phone (419) 422-9796
Fax (419) 422-4840
Cell (419) 722-4597

7277 Township Rd. 95
Findlay, Ohio 45840

Email bschock212@aol.com

2-Nitropropane	0.00313	0.939	U
Tetrachloroethene	0.00114	0.342	U
4-Methyl-2-pentanone (MIBK)	0.00218	0.654	U
trans-1,3-Dichloropropene	0.00156	0.468	U
1,1,2-trichloroethane	0.00151	0.453	U
Ethyl methacrylate	0.00185	0.555	U
Dibromochloromethane	0.00147	0.441	U
1.3-Dichloropropane	0.00185	0.555	U
1,2-Dibromoethane EDB)	0.00149	0.447	U
2-Hexanone	0.00212	0.636	U
Chlorobenzene	0.00140	0.420	U
Ethylbenzene	0.00104	0.312	77.3 E
1,1,1,2-Tetrachloroethane	0.00139	0.417	U
m&p-Xylene	0.00266	0.798	2.27
o-Xylene	0.00116	0.348	1.42
Bromoform	0.00088	0.264	U
Styrene	0.00166	0.498	55.4 E
Isopropylbenzene	0.00107	0.321	2.72
Bromobenzene	0.00103	0.309	U
n-Propylbenzene	0.00149	0.447	1.84
1,1,2,2-Tetrachloroethane	0.00159	0.477	U
2-Chlorotoluene	0.00105	0.315	U
1,2,3-Trichloropropane	0.00199	0.597	U
1,3,5-Trimethylbenzene	0.00144	0.432	U
t-1,4-Dichloro-2-butene	0.00121	0.363	U
4-Chlorotoluene	0.00119	0.357	U
t-Butylbenzene	0.00156	0.468	U
Pentachloroethane	0.00160	0.480	U
1,2,4-Trimethylbenzene	0.00128	0.384	U
sec-Butylbenzene	0.00135	0.405	0.16 J
p-Isopropyl toluene	0.00115	0.345	U
1,3-Dichlorobenzene	0.00145	0.435	U
1,4-Dichlorobenzene	0.00109	0.327	U
n-Butylbenzene	0.00121	0.363	U
Hexachloroethane	0.00094	0.282	U
1,2-Dichlorobenzene	0.00109	0.327	U
1,2-Dibromo-3-chloropropane	0.00220	0.660	U
Nitrobenzene	0.02500	7.500	U
Hexachlorobutadiene	0.00257	0.771	U
1,2,4-Trichlorobenzene	0.00152	0.456	U
Naphthalene	0.00174	0.522	0.32 J
1,2,3-Trichlorobenzene	0.00199	0.597	U

surrogate recoveries	1,2-Dichloroethane-d4	122
	Toluene-d8	85
	4-Bromofluorobenzene	91

S&S Onsite Analytical, Ltd.

Phone (419) 422-9796
Fax (419) 422-4840
Cell (419) 722-4597

7277 Township Rd. 95
Findlay, Ohio 45840

Email bschock212@aol.com

Sample ID	B-1 (15')		
Lab ID	DF454		
Collection Date	9/19/12		
Analysis Date	9/25/12		
Run No.	V0925008		
sample matrix	S		Calc'd
Compound	MDL	RL	result
Diclorodifluoromethane	0.00216	0.648	U
Chloromethane	0.00217	0.651	U
Vinyl Chloride	0.00189	0.567	U
Bromomethane	0.00245	0.735	U
Chloroethane	0.00588	1.764	U
Trichlorofluoromethane	0.00150	0.450	U
Diethyl ether	0.00118	0.354	U
1,1-Dichloroethene	0.00279	0.837	U
Carbon disulfide	0.00525	1.575	U
Iodomethane	0.00180	0.540	U
Allyl chloride	0.00051	0.153	U
Methylene Chloride	0.00174	0.522	U
Acetone	0.00329	0.987	U
trans-1,2-Dichloroethene	0.00080	0.240	U
Methyl-t-butyl ether (MTBE)	0.00107	0.321	U
1,1-Dichloroethane	0.00131	0.393	U
Acrylonitrile	0.00175	0.525	U
cis-1,2-Dichloroethene	0.00130	0.390	U
2,2-Dichloropropane	0.00155	0.465	U
Bromochloromethane	0.00064	0.192	U
Chloroform	0.00101	0.303	U
Carbon Tetrachloride	0.00135	0.405	U
Methyl acrylate	0.00165	0.495	U
1,1,1-Trichloroethane	0.00136	0.408	U
1,1-Dichloropropene	0.00761	2.283	U
2-Butanone	0.01500	4.500	U
1-Chlorobutane	0.00151	0.453	U
Benzene	0.00086	0.258	U
Propionitrile	0.00191	0.573	U
1,2-Dichloroethane	0.00112	0.336	U
Trichloroethene	0.00099	0.297	U
Dibromomethane	0.00104	0.312	U
1,2-Dichloropropane	0.00080	0.240	U
Bromodichloromethane	0.00113	0.339	U
Methyl methacrylate	0.00117	0.351	U
cis-1,3-Dichloropropene	0.00077	0.231	U
Toluene	0.00099	0.297	0.81

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2-Nitropropane	0.00313	0.939	U
Tetrachloroethene	0.00114	0.342	U
4-Methyl-2-pentanone (MIBK)	0.00218	0.654	U
trans-1,3-Dichloropropene	0.00156	0.468	U
1,1,2-trichloroethane	0.00151	0.453	U
Ethyl methacrylate	0.00185	0.555	U
Dibromochloromethane	0.00147	0.441	U
1.3-Dichloropropane	0.00185	0.555	U
1,2-Dibromoethane EDB)	0.00149	0.447	U
2-Hexanone	0.00212	0.636	U
Chlorobenzene	0.00140	0.420	U
Ethylbenzene	0.00104	0.312	9.38
1,1,1,2-Tetrachloroethane	0.00139	0.417	U
m&p-Xylene	0.00266	0.798	0.38 J
o-Xylene	0.00116	0.348	0.21 J
Bromoform	0.00088	0.264	U
Styrene	0.00166	0.498	11.1
Isopropylbenzene	0.00107	0.321	0.38
Bromobenzene	0.00103	0.309	U
n-Propylbenzene	0.00149	0.447	0.27 J
1,1,2,2-Tetrachloroethane	0.00159	0.477	U
2-Chlorotoluene	0.00105	0.315	U
1,2,3-Trichloropropane	0.00199	0.597	U
1,3,5-Trimethylbenzene	0.00144	0.432	U
t-1,4-Dichloro-2-butene	0.00121	0.363	U
4-Chlorotoluene	0.00119	0.357	U
t-Butylbenzene	0.00156	0.468	U
Pentachloroethane	0.00160	0.480	U
1,2,4-Trimethylbenzene	0.00128	0.384	U
sec-Butylbenzene	0.00135	0.405	U
p-Isopropyl toluene	0.00115	0.345	U
1,3-Dichlorobenzene	0.00145	0.435	U
1,4-Dichlorobenzene	0.00109	0.327	U
n-Butylbenzene	0.00121	0.363	U
Hexachloroethane	0.00094	0.282	U
1,2-Dichlorobenzene	0.00109	0.327	U
1,2-Dibromo-3-chloropropane	0.00220	0.660	U
Nitrobenzene	0.02500	7.500	U
Hexachlorobutadiene	0.00257	0.771	U
1,2,4-Trichlorobenzene	0.00152	0.456	U
Naphthalene	0.00174	0.522	0.16 J
1,2,3-Trichlorobenzene	0.00199	0.597	U

surrogate recoveries	1,2-Dichloroethane-d4	124
	Toluene-d8	81
	4-Bromofluorobenzene	94

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Sample ID	B-2 (8-12')		
Lab ID	DF455		
Collection Date	9/19/12		
Analysis Date	9/25/12		
Run No.	V0925009		
sample matrix	S		Calc'd
Compound	MDL	RL	result
Dichlorodifluoromethane	0.00216	0.648	U
Chloromethane	0.00217	0.651	U
Vinyl Chloride	0.00189	0.567	U
Bromomethane	0.00245	0.735	U
Chloroethane	0.00588	1.764	U
Trichlorofluoromethane	0.00150	0.450	U
Diethyl ether	0.00118	0.354	U
1,1-Dichloroethene	0.00279	0.837	U
Carbon disulfide	0.00525	1.575	U
Iodomethane	0.00180	0.540	U
Allyl chloride	0.00051	0.153	U
Methylene Chloride	0.00174	0.522	U
Acetone	0.00329	0.987	U
trans-1,2-Dichloroethene	0.00080	0.240	U
Methyl-t-butyl ether (MTBE)	0.00107	0.321	U
1,1-Dichloroethane	0.00131	0.393	U
Acrylonitrile	0.00175	0.525	U
cis-1,2-Dichloroethene	0.00130	0.390	U
2,2-Dichloropropane	0.00155	0.465	U
Bromochloromethane	0.00064	0.192	U
Chloroform	0.00101	0.303	U
Carbon Tetrachloride	0.00135	0.405	U
Methyl acrylate	0.00165	0.495	U
1,1,1-Trichloroethane	0.00136	0.408	U
1,1-Dichloropropene	0.00761	2.283	U
2-Butanone	0.01500	4.500	U
1-Chlorobutane	0.00151	0.453	U
Benzene	0.00086	0.258	U
Propionitrile	0.00191	0.573	U
1,2-Dichloroethane	0.00112	0.336	U
Trichloroethene	0.00099	0.297	U
Dibromomethane	0.00104	0.312	U
1,2-Dichloropropane	0.00080	0.240	U
Bromodichloromethane	0.00113	0.339	U
Methyl methacrylate	0.00117	0.351	U
cis-1,3-Dichloropropene	0.00077	0.231	U
Toluene	0.00099	0.297	28.9

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2-Nitropropane	0.00313	0.939	U
Tetrachloroethene	0.00114	0.342	U
4-Methyl-2-pentanone (MIBK)	0.00218	0.654	U
trans-1,3-Dichloropropene	0.00156	0.468	U
1,1,2-trichloroethane	0.00151	0.453	U
Ethyl methacryllate	0.00185	0.555	U
Dibromochloromethane	0.00147	0.441	U
1.3-Dichloropropane	0.00185	0.555	U
1,2-Dibromoethane EDB)	0.00149	0.447	U
2-Hexanone	0.00212	0.636	U
Chlorobenzene	0.00140	0.420	U
Ethylbenzene	0.00104	0.312	291 E
1,1,1,2-Tetrachloroethane	0.00139	0.417	U
m&p-Xylene	0.00266	0.798	8.78
o-Xylene	0.00116	0.348	4.92
Bromoform	0.00088	0.264	U
Styrene	0.00166	0.498	378 E
Isopropylbenzene	0.00107	0.321	9.56
Bromobenzene	0.00103	0.309	U
n-Propylbenzene	0.00149	0.447	4.58
1,1,2,2-Tetrachloroethane	0.00159	0.477	U
2-Chlorotoluene	0.00105	0.315	U
1,2,3-Trichloropropane	0.00199	0.597	U
1,3,5-Trimethylbenzene	0.00144	0.432	U
t-1,4-Dichloro-2-butene	0.00121	0.363	U
4-Chlorotoluene	0.00119	0.357	U
t-Butylbenzene	0.00156	0.468	U
Pentachloroethane	0.00160	0.480	U
1,2,4-Trimethylbenzene	0.00128	0.384	0.14 J
sec-Butylbenzene	0.00135	0.405	U
p-Isopropyl toluene	0.00115	0.345	U
1,3-Dichlorobenzene	0.00145	0.435	U
1,4-Dichlorobenzene	0.00109	0.327	U
n-Butylbenzene	0.00121	0.363	0.14 J
Hexachloroethane	0.00094	0.282	U
1,2-Dichlorobenzene	0.00109	0.327	U
1,2-Dibromo-3-chloropropane	0.00220	0.660	U
Nitrobenzene	0.02500	7.500	U
Hexachlorobutadiene	0.00257	0.771	U
1,2,4-Trichlorobenzene	0.00152	0.456	U
Naphthalene	0.00174	0.522	0.12 J
1,2,3-Trichlorobenzene	0.00199	0.597	U

surrogate recoveries	1,2-Dichloroethane-d4	135
	Toluene-d8	77
	4-Bromofluorobenzene	75

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Sample ID	B-3 (16-20')		
Lab ID	DF456		
Collection Date	9/20/12		
Analysis Date	9/25/12		
Run No.	V0925010		
sample matrix	S		Calc'd
Compound	MDL	RL	result
Diclorodifluoromethane	0.00216	0.648	U
Chloromethane	0.00217	0.651	U
Vinyl Chloride	0.00189	0.567	U
Bromomethane	0.00245	0.735	U
Chloroethane	0.00588	1.764	U
Trichlorofluoromethane	0.00150	0.450	U
Diethyl ether	0.00118	0.354	U
1,1-Dichloroethene	0.00279	0.837	U
Carbon disulfide	0.00525	1.575	U
Iodomethane	0.00180	0.540	U
Allyl chloride	0.00051	0.153	U
Methylene Chloride	0.00174	0.522	U
Acetone	0.00329	0.987	U
trans-1,2-Dichloroethene	0.00080	0.240	U
Methyl-t-butyl ether (MTBE)	0.00107	0.321	U
1,1-Dichloroethane	0.00131	0.393	U
Acrylonitrile	0.00175	0.525	U
cis-1,2-Dichloroethene	0.00130	0.390	U
2,2-Dichloropropane	0.00155	0.465	U
Bromochloromethane	0.00064	0.192	U
Chloroform	0.00101	0.303	U
Carbon Tetrachloride	0.00135	0.405	U
Methyl acrylate	0.00165	0.495	U
1,1,1-Trichloroethane	0.00136	0.408	U
1,1-Dichloropropene	0.00761	2.283	U
2-Butanone	0.01500	4.500	U
1-Chlorobutane	0.00151	0.453	U
Benzene	0.00086	0.258	U
Propionitrile	0.00191	0.573	U
1,2-Dichloroethane	0.00112	0.336	U
Trichloroethene	0.00099	0.297	U
Dibromomethane	0.00104	0.312	U
1,2-Dichloropropane	0.00080	0.240	U
Bromodichloromethane	0.00113	0.339	U
Methyl methacrylate	0.00117	0.351	U
cis-1,3-Dichloropropene	0.00077	0.231	U
Toluene	0.00099	0.297	124 E

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2-Nitropropane	0.00313	0.939	U
Tetrachloroethene	0.00114	0.342	U
4-Methyl-2-pentanone (MIBK)	0.00218	0.654	U
trans-1,3-Dichloropropene	0.00156	0.468	U
1,1,2-trichloroethane	0.00151	0.453	U
Ethyl methacrylate	0.00185	0.555	U
Dibromochloromethane	0.00147	0.441	U
1,3-Dichloropropane	0.00185	0.555	U
1,2-Dibromoethane EDB)	0.00149	0.447	U
2-Hexanone	0.00212	0.636	U
Chlorobenzene	0.00140	0.420	U
Ethylbenzene	0.00104	0.312	223 E
1,1,1,2-Tetrachloroethane	0.00139	0.417	U
m&p-Xylene	0.00266	0.798	65.5
o-Xylene	0.00116	0.348	36.7
Bromoform	0.00088	0.264	U
Styrene	0.00166	0.498	351 E
Isopropylbenzene	0.00107	0.321	106 E
Bromobenzene	0.00103	0.309	U
n-Propylbenzene	0.00149	0.447	86.6 E
1,1,2,2-Tetrachloroethane	0.00159	0.477	U
2-Chlorotoluene	0.00105	0.315	U
1,2,3-Trichloropropane	0.00199	0.597	U
1,3,5-Trimethylbenzene	0.00144	0.432	1.08
t-1,4-Dichloro-2-butene	0.00121	0.363	U
4-Chlorotoluene	0.00119	0.357	U
t-Butylbenzene	0.00156	0.468	U
Pentachloroethane	0.00160	0.480	U
1,2,4-Trimethylbenzene	0.00128	0.384	0.92
sec-Butylbenzene	0.00135	0.405	U
p-Isopropyl toluene	0.00115	0.345	U
1,3-Dichlorobenzene	0.00145	0.435	U
1,4-Dichlorobenzene	0.00109	0.327	U
n-Butylbenzene	0.00121	0.363	0.37
Hexachloroethane	0.00094	0.282	U
1,2-Dichlorobenzene	0.00109	0.327	U
1,2-Dibromo-3-chloropropane	0.00220	0.660	U
Nitrobenzene	0.02500	7.500	U
Hexachlorobutadiene	0.00257	0.771	U
1,2,4-Trichlorobenzene	0.00152	0.456	U
Naphthalene	0.00174	0.522	0.44 J
1,2,3-Trichlorobenzene	0.00199	0.597	U

surrogate recoveries	1,2-Dichloroethane-d4	104
	Toluene-d8	93
	4-Bromofluorobenzene	110

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Sample ID	B-4 (0-4')		
Lab ID	DF457		
Collection Date	9/20/12		
Analysis Date	9/25/12		
Run No.	V0925011		
sample matrix	S		Calc'd
Compound	MDL	RL	result
Diclorodifluoromethane	0.00216	0.648	U
Chloromethane	0.00217	0.651	U
Vinyl Chloride	0.00189	0.567	U
Bromomethane	0.00245	0.735	U
Chloroethane	0.00588	1.764	U
Trichlorofluoromethane	0.00150	0.450	U
Diethyl ether	0.00118	0.354	U
1,1-Dichloroethene	0.00279	0.837	U
Carbon disulfide	0.00525	1.575	U
Iodomethane	0.00180	0.540	U
Allyl chloride	0.00051	0.153	U
Methylene Chloride	0.00174	0.522	U
Acetone	0.00329	0.987	U
trans-1,2-Dichloroethene	0.00080	0.240	U
Methyl-t-butyl ether (MTBE)	0.00107	0.321	U
1,1-Dichloroethane	0.00131	0.393	U
Acrylonitrile	0.00175	0.525	U
cis-1,2-Dichloroethene	0.00130	0.390	U
2,2-Dichloropropane	0.00155	0.465	U
Bromochloromethane	0.00064	0.192	U
Chloroform	0.00101	0.303	U
Carbon Tetrachloride	0.00135	0.405	U
Methyl acrylate	0.00165	0.495	U
1,1,1-Trichloroethane	0.00136	0.408	U
1,1-Dichloropropene	0.00761	2.283	U
2-Butanone	0.01500	4.500	U
1-Chlorobutane	0.00151	0.453	U
Benzene	0.00086	0.258	U
Propionitrile	0.00191	0.573	U
1,2-Dichloroethane	0.00112	0.336	U
Trichloroethene	0.00099	0.297	U
Dibromomethane	0.00104	0.312	U
1,2-Dichloropropane	0.00080	0.240	U
Bromodichloromethane	0.00113	0.339	U
Methyl methacrylate	0.00117	0.351	U
cis-1,3-Dichloropropene	0.00077	0.231	U
Toluene	0.00099	0.297	15.1

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2-Nitropropane	0.00313	0.939	U
Tetrachloroethene	0.00114	0.342	U
4-Methyl-2-pentanone (MIBK)	0.00218	0.654	U
trans-1,3-Dichloropropene	0.00156	0.468	U
1,1,2-trichloroethane	0.00151	0.453	U
Ethyl methacryllate	0.00185	0.555	U
Dibromochloromethane	0.00147	0.441	U
1.3-Dichloropropane	0.00185	0.555	U
1,2-Dibromoethane EDB)	0.00149	0.447	U
2-Hexanone	0.00212	0.636	U
Chlorobenzene	0.00140	0.420	U
Ethylbenzene	0.00104	0.312	119 E
1,1,1,2-Tetrachloroethane	0.00139	0.417	U
m&p-Xylene	0.00266	0.798	7.78
o-Xylene	0.00116	0.348	4.20
Bromoform	0.00088	0.264	U
Styrene	0.00166	0.498	213 E
Isopropylbenzene	0.00107	0.321	10.5
Bromobenzene	0.00103	0.309	U
n-Propylbenzene	0.00149	0.447	8.56
1,1,2,2-Tetrachloroethane	0.00159	0.477	U
2-Chlorotoluene	0.00105	0.315	U
1,2,3-Trichloropropane	0.00199	0.597	U
1,3,5-Trimethylbenzene	0.00144	0.432	U
t-1,4-Dichloro-2-butene	0.00121	0.363	U
4-Chlorotoluene	0.00119	0.357	U
t-Butylbenzene	0.00156	0.468	U
Pentachloroethane	0.00160	0.480	U
1,2,4-Trimethylbenzene	0.00128	0.384	U
sec-Butylbenzene	0.00135	0.405	U
p-Isopropyl toluene	0.00115	0.345	U
1,3-Dichlorobenzene	0.00145	0.435	U
1,4-Dichlorobenzene	0.00109	0.327	U
n-Butylbenzene	0.00121	0.363	U
Hexachloroethane	0.00094	0.282	U
1,2-Dichlorobenzene	0.00109	0.327	U
1,2-Dibromo-3-chloropropane	0.00220	0.660	U
Nitrobenzene	0.02500	7.500	U
Hexachlorobutadiene	0.00257	0.771	U
1,2,4-Trichlorobenzene	0.00152	0.456	U
Naphthalene	0.00174	0.522	U
1,2,3-Trichlorobenzene	0.00199	0.597	U

surrogate recoveries	1,2-Dichloroethane-d4	91
	Toluene-d8	98
	4-Bromofluorobenzene	97

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Sample ID	B-4 (12-16')		
Lab ID	DF458		
Collection Date	9/20/12		
Analysis Date	9/25/12		
Run No.	V0925012		
sample matrix	S		Calc'd
Compound	MDL	RL	result
Dichlorodifluoromethane	0.00216	0.324	U
Chloromethane	0.00217	0.326	U
Vinyl Chloride	0.00189	0.284	U
Bromomethane	0.00245	0.368	U
Chloroethane	0.00588	0.882	U
Trichlorofluoromethane	0.00150	0.225	U
Diethyl ether	0.00118	0.177	U
1,1-Dichloroethene	0.00279	0.419	U
Carbon disulfide	0.00525	0.788	U
Iodomethane	0.00180	0.270	U
Allyl chloride	0.00051	0.077	U
Methylene Chloride	0.00174	0.261	U
Acetone	0.00329	0.494	U
trans-1,2-Dichloroethene	0.00080	0.120	U
Methyl-t-butyl ether (MTBE)	0.00107	0.161	U
1,1-Dichloroethane	0.00131	0.197	U
Acrylonitrile	0.00175	0.263	U
cis-1,2-Dichloroethene	0.00130	0.195	U
2,2-Dichloropropane	0.00155	0.233	U
Bromochloromethane	0.00064	0.096	U
Chloroform	0.00101	0.152	U
Carbon Tetrachloride	0.00135	0.203	U
Methyl acrylate	0.00165	0.248	U
1,1,1-Trichloroethane	0.00136	0.204	U
1,1-Dichloropropene	0.00761	1.142	U
2-Butanone	0.01500	2.250	U
1-Chlorobutane	0.00151	0.227	U
Benzene	0.00086	0.129	U
Propionitrile	0.00191	0.287	U
1,2-Dichloroethane	0.00112	0.168	U
Trichloroethene	0.00099	0.149	U
Dibromomethane	0.00104	0.156	U
1,2-Dichloropropane	0.00080	0.120	U
Bromodichloromethane	0.00113	0.170	U
Methyl methacrylate	0.00117	0.176	U
cis-1,3-Dichloropropene	0.00077	0.116	U
Toluene	0.00099	0.149	2.69

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2-Nitropropane	0.00313	0.470	U
Tetrachloroethene	0.00114	0.171	U
4-Methyl-2-pentanone (MIBK)	0.00218	0.327	U
trans-1,3-Dichloropropene	0.00156	0.234	U
1,1,2-trichloroethane	0.00151	0.227	U
Ethyl methacryllate	0.00185	0.278	U
Dibromochloromethane	0.00147	0.221	U
1,3-Dichloropropane	0.00185	0.278	U
1,2-Dibromoethane EDB)	0.00149	0.224	U
2-Hexanone	0.00212	0.318	U
Chlorobenzene	0.00140	0.210	U
Ethylbenzene	0.00104	0.156	20.7
1,1,1,2-Tetrachloroethane	0.00139	0.209	U
m&p-Xylene	0.00266	0.399	1.31
o-Xylene	0.00116	0.174	0.69
Bromoform	0.00088	0.132	U
Styrene	0.00166	0.249	53.8 E
Isopropylbenzene	0.00107	0.161	1.54
Bromobenzene	0.00103	0.155	U
n-Propylbenzene	0.00149	0.224	1.21
1,1,2,2-Tetrachloroethane	0.00159	0.239	U
2-Chlorotoluene	0.00105	0.158	U
1,2,3-Trichloropropane	0.00199	0.299	U
1,3,5-Trimethylbenzene	0.00144	0.216	U
t-1,4-Dichloro-2-butene	0.00121	0.182	U
4-Chlorotoluene	0.00119	0.179	U
t-Butylbenzene	0.00156	0.234	U
Pentachloroethane	0.00160	0.240	U
1,2,4-Trimethylbenzene	0.00128	0.192	U
sec-Butylbenzene	0.00135	0.203	U
p-Isopropyl toluene	0.00115	0.173	U
1,3-Dichlorobenzene	0.00145	0.218	U
1,4-Dichlorobenzene	0.00109	0.164	U
n-Butylbenzene	0.00121	0.182	U
Hexachloroethane	0.00094	0.141	U
1,2-Dichlorobenzene	0.00109	0.164	U
1,2-Dibromo-3-chloropropane	0.00220	0.330	U
Nitrobenzene	0.02500	3.750	U
Hexachlorobutadiene	0.00257	0.386	U
1,2,4-Trichlorobenzene	0.00152	0.228	U
Naphthalene	0.00174	0.261	U
1,2,3-Trichlorobenzene	0.00199	0.299	U

surrogate recoveries	1,2-Dichloroethane-d4	94
	Toluene-d8	93
	4-Bromofluorobenzene	97

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INSTRUMENT / METHOD BLANKS

Sample ID	Blank 1		
Analysis Date	9/25/12		
Run No.	V0925003		
sample matrix	S		Calc'd
Compound	MDL	RL	result
Diclorodifluoromethane	0.00216	0.006	U
Chloromethane	0.00217	0.007	U
Vinyl Chloride	0.00189	0.006	U
Bromomethane	0.00245	0.007	U
Chloroethane	0.00588	0.018	U
Trichlorofluoromethane	0.00150	0.005	U
Diethyl ether	0.00118	0.004	U
1,1-Dichloroethene	0.00279	0.008	U
Carbon disulfide	0.00525	0.016	U
Iodomethane	0.00180	0.005	U
Allyl chloride	0.00051	0.002	U
Methylene Chloride	0.00174	0.005	U
Acetone	0.00329	0.010	U
trans-1,2-Dichloroethene	0.00080	0.002	U
Methyl-t-butyl ether (MTBE)	0.00107	0.003	U
1,1-Dichloroethane	0.00131	0.004	U
Acrylonitrile	0.00175	0.005	U
cis-1,2-Dichloroethene	0.00130	0.004	U
2,2-Dichloropropane	0.00155	0.005	U
Bromochloromethane	0.00064	0.002	U
Chloroform	0.00101	0.003	U
Carbon Tetrachloride	0.00135	0.004	U
Methyl acrylate	0.00165	0.005	U
1,1,1-Trichloroethane	0.00136	0.004	U
1,1-Dichloropropene	0.00761	0.023	U
2-Butanone	0.01500	0.045	U
1-Chlorobutane	0.00151	0.005	U
Benzene	0.00086	0.003	U
Propionitrile	0.00191	0.006	U
1,2-Dichloroethane	0.00112	0.003	U
Trichloroethene	0.00099	0.003	U
Dibromomethane	0.00104	0.003	U
1,2-Dichloropropane	0.00080	0.002	U
Bromodichloromethane	0.00113	0.003	U
Methyl methacrylate	0.00117	0.004	U
cis-1,3-Dichloropropene	0.00077	0.002	U
Toluene	0.00099	0.003	U
2-Nitropropane	0.00313	0.009	U

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Tetrachloroethene	0.00114	0.003	U
4-Methyl-2-pentanone (MIBK)	0.00218	0.007	U
trans-1,3-Dichloropropene	0.00156	0.005	U
1,1,2-trichloroethane	0.00151	0.005	U
Ethyl methacryllate	0.00185	0.006	U
Dibromochloromethane	0.00147	0.004	U
1.3-Dichloropropane	0.00185	0.006	U
1,2-Dibromoethane EDB)	0.00149	0.004	U
2-Hexanone	0.00212	0.006	U
Chlorobenzene	0.00140	0.004	U
Ethylbenzene	0.00104	0.003	U
1,1,1,2-Tetrachloroethane	0.00139	0.004	U
m&p-Xylene	0.00266	0.008	U
o-Xylene	0.00116	0.003	U
Bromoform	0.00088	0.003	U
Styrene	0.00166	0.005	U
Isopropylbenzene	0.00107	0.003	U
Bromobenzene	0.00103	0.003	U
n-Propylbenzene	0.00149	0.004	U
1,1,2,2-Tetrachloroethane	0.00159	0.005	U
2-Chlorotoluene	0.00105	0.003	U
1,2,3-Trichloropropane	0.00199	0.006	U
1,3,5-Trimethylbenzene	0.00144	0.004	U
t-1,4-Dichloro-2-butene	0.00121	0.004	U
4-Chlorotoluene	0.00119	0.004	U
t-Butylbenzene	0.00156	0.005	U
Pentachloroethane	0.00160	0.005	U
1,2,4-Trimethylbenzene	0.00128	0.004	U
sec-Butylbenzene	0.00135	0.004	U
p-Isopropyl toluene	0.00115	0.003	U
1,3-Dichlorobenzene	0.00145	0.004	U
1,4-Dichlorobenzene	0.00109	0.003	U
n-Butylbenzene	0.00121	0.004	U
Hexachloroethane	0.00094	0.003	U
1,2-Dichlorobenzene	0.00109	0.003	U
1,2-Dibromo-3-chloropropane	0.00220	0.007	U
Nitrobenzene	0.02500	0.075	U
Hexachlorobutadiene	0.00257	0.008	U
1,2,4-Trichlorobenzene	0.00152	0.005	U
Naphthalene	0.00174	0.005	U
1,2,3-Trichlorobenzene	0.00199	0.006	U
GRO	0.01110	0.033	U

surrogate recoveries	1,2-Dichloroethane-d4	101
	Toluene-d8	99
	4-Bromofluorobenzene	108

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LCS/Spike RESULTS

Spike Level ng/ml	Sample ID / Run No. / Compound	LCS 1 / V0925004 LCS Sample Result	LCS Spike % Recovery
50	Vinyl chloride	57	114
50	1,1-Dichloroethene	66	132
50	1,1-Dichloroethane	63	126
50	cis-1,2-Dichloroethene	64	128
50	Chloroform	64	128
50	1,1,1-Trichloroethane	65	130
50	Benzene	55	110
50	Trichloroethene	62	124
50	Toluene	53	106
50	Tetrachloroethene	47	94
50	Chlorobenzene	60	120
50	Ethyl benzene	57	114
100	m&p-Xylene	114	114
50	o-Xylene	60	120
50	1,2,3-Trichloropropane	56	112
50	2-Chlorotoluene	55	110
50	1,2,4-Trimethylbenzene	57	114
50	1,3-Dichlorobenzene	59	118
50	1,2,4-Trichlorobenzene	48	96
50	Naphthalene	60	120
	surrogate recoveries	1,2-Dichloroethane-d4	115
		Toluene-d8	91
		4-Bromofluorobenzene	90

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MS/MSD and SAMPLE DUPLICATE RESULTS

(results are from the instrument and not corrected for dilution)

	Sample ID	B-1 (0-4')					
	Lab ID	DF453					
	Run No.	V0925005	V0925006		V0925007		
	Compound						
Spike Level ng/ml		Sample Results	MS Sample Result	MS Spike % Recovery	MSD Sample Result	MSD Spike % Recovery	RPD
50	1,1-Dichloroethene	0.0	54	108	42	84	25.0
50	1,1-Dichloroethane	0.0	47	94	48	96	2.1
51	Methyl-t-butyl ether (MTBE)	0.0	47	92	42	82	11.2
50	cis-1,2-Dichloroethene	0.0	51	102	47	94	8.2
50	1,1,1-Trichloroethane	0.0	69	138	53	106	26.2
50	Benzene	0.0	41	82	46	92	11.5
50	Trichloroethene	0.0	69	138	57	114	19.0
50	Toluene	41.6	73	63	88	93	18.6
50	Tetrachloroethene	0.0	36	72	37	74	2.7
50	Chlorobenzene	0.0	49	98	50	100	2.0
50	Ethyl benzene	738.4	798	119	863	249	7.8
100	m&p-Xylene	21.7	109	87	113	91	3.6
50	o-Xylene	13.6	60	93	64	101	6.5
50	1,3-Dichlorobenzene	0.0	53	106	53	106	0.0

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Case Narrative

Kilbane Environmental
11554 Lebanon Rd.
Cincinnati, OH 45241

November 4, 2012

Project # 22150

All VOA samples collected for analysis by the laboratory for this project were extracted and analyzed within the respective holding times for the analyses performed.

Volatile analysis for the presence of target analytes was performed using USEPA Method 8260b utilizing a Tekmar® Purge and Trap system coupled to a Hewlett Packard® 5890/5971 GC/MS system. Water samples were either analyzed directly or diluted to bring target analytes within the linear range of the instrument. Volatile results were calculated directly from the 8260 curve.

Results listed between the MDL and the RL should be considered estimated values. In addition, sample results that exceed the calibration range of the instrument should also be considered estimated results. All samples that exceeded the linear range of the calibration curve, following any reasonable dilutions, for the sample results are flagged with an "E"; these levels are estimated and should be considered minimum values for the compounds reported.

All tune and calibration criteria were within method parameters for the compounds of interest.

NOTE:

All Water VOC results are in ug/L or (ppb).

Data Qualifiers

B Compound was detected in the blank.
U Compound was analyzed for but not detected above the MDL.
J The compound results were between the MDL and the RL.
E The concentration found in the sample exceeds the calibration range of the instrument.
NOTE: Reporting Limits reflect any sample dilutions that may have been performed.

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SAMPLE RESULTS

Sample ID	MW-4		
Lab ID	DF533		
Collection Date	10/31/12		
Analysis Date	11/3/12		
Run No.	V1103005		
sample matrix	W		Calc'd
Compound	MDL	RL	result ug/L
Diclorodifluoromethane	1.59	4.8	U
Chloromethane	1.32	4.0	U
Vinyl Chloride	1.71	5.1	U
Bromomethane	2.44	7.3	U
Chloroethane	7.47	22.4	U
Trichlorofluoromethane	1.63	4.9	U
Diethyl ether	2.90	8.7	U
1,1-Dichloroethene	5.96	17.9	U
Carbon disulfide	7.55	22.7	U
Iodomethane	3.86	11.6	U
Allyl chloride	0.70	2.1	U
Methylene Chloride	15.00	45.0	U
Acetone	3.94	11.8	U
trans-1,2-Dichloroethene	1.22	3.7	U
Methyl-t-butyl ether (MTBE)	2.46	7.4	U
1,1-Dichloroethane	1.50	4.5	U
Acrylonitrile	3.30	9.9	U
cis-1,2-Dichloroethene	1.73	5.2	U
2,2-Dichloropropane	1.55	4.7	U
Bromochloromethane	2.32	7.0	U
Chloroform	1.66	5.0	U
Carbon Tetrachloride	1.39	4.2	U
Methyl acrylate	3.18	9.5	U
1,1,1-Trichloroethane	1.44	4.3	U
1,1-Dichloropropene	1.19	3.6	U
2-Butanone	15.00	45.0	U
1-Chlorobutane	1.20	3.6	U
Benzene	1.54	4.6	U
Proplonitrile	2.38	7.1	U
1,2-Dichloroethane	3.75	11.3	U
Trichloroethene	1.32	4.0	U
Dibromomethane	2.45	7.4	U
1,2-Dichloropropane	1.52	4.6	U
Bromodichloromethane	1.74	5.2	U
Methyl methacrylate	2.19	6.6	U
cis-1,3-Dichloropropene	1.72	5.2	U
Toluene	1.53	4.6	U

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2-Nitropropane	2.95	8.9	U
Tetrachloroethene	0.76	2.3	U
4-Methyl-2-pentanone (MIBK)	3.82	11.5	U
trans-1,3-Dichloropropene	1.94	5.8	U
1,1,2-trichloroethane	2.42	7.3	U
Ethyl methacrylate	1.51	4.5	U
Dibromochloromethane	2.16	6.5	U
1.3-Dichloropropane	2.06	6.2	U
1,2-Dibromoethane EDB)	2.50	7.5	U
2-Hexanone	2.23	6.7	U
Chlorobenzene	1.75	5.3	U
Ethylbenzene	1.43	4.3	U
1,1,1,2-Tetrachloroethane	1.84	5.5	U
m&p-Xylene	3.00	9.0	U
o-Xylene	1.67	5.0	U
Bromoform	1.59	4.8	U
Styrene	1.80	5.4	U
Isopropylbenzene	1.54	4.6	U
Bromobenzene	2.32	7.0	U
n-Propylbenzene	1.50	4.5	U
1,1,2,2-Tetrachloroethane	2.93	8.8	U
2-Chlorotoluene	2.15	6.5	U
1,2,3-Trichloropropane	2.25	6.8	U
1,3,5-Trimethylbenzene	1.91	5.7	U
t-1,4-Dichloro-2-butene	3.48	10.4	U
4-Chlorotoluene	1.65	5.0	U
t-Butylbenzene	2.50	7.5	U
Pentachloroethane	3.95	11.9	U
1,2,4-Trimethylbenzene	1.81	5.4	U
sec-Butylbenzene	1.75	5.3	U
p-Isopropyl toluene	1.40	4.2	U
1,3-Dichlorobenzene	1.98	5.9	U
1,4-Dichlorobenzene	1.79	5.4	U
n-Butylbenzene	1.19	3.6	U
Hexachloroethane	2.29	6.9	U
1,2-Dichlorobenzene	2.26	6.8	U
1,2-Dibromo-3-chloropropane	3.15	9.5	U
Nitrobenzene	20.00	60.0	U
Hexachlorobutadiene	1.24	3.7	U
1,2,4-Trichlorobenzene	1.70	5.1	U
Naphthalene	2.86	8.6	U
1,2,3-Trichlorobenzene	1.87	5.6	U

surrogate recoveries	1,2-Dichloroethane-d4	105
	Toluene-d8	101
	4-Bromofluorobenzene	94

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Sample ID	MW-6		
Lab ID	DF534		
Collection Date	10/31/12		
Analysis Date	11/3/12		
Run No.	V1103008		
sample matrix	W		Calc'd
Compound	MDL	RL	result
Dichlorodifluoromethane	1.59	4.8	U
Chloromethane	1.32	4.0	U
Vinyl Chloride	1.71	5.1	U
Bromomethane	2.44	7.3	U
Chloroethane	7.47	22.4	U
Trichlorofluoromethane	1.63	4.9	U
Diethyl ether	2.90	8.7	U
1,1-Dichloroethene	5.96	17.9	U
Carbon disulfide	7.55	22.7	U
Iodomethane	3.86	11.6	U
Allyl chloride	0.70	2.1	U
Methylene Chloride	15.00	45.0	U
Acetone	3.94	11.8	U
trans-1,2-Dichloroethene	1.22	3.7	U
Methyl-t-butyl ether (MTBE)	2.46	7.4	U
1,1-Dichloroethane	1.50	4.5	U
Acrylonitrile	3.30	9.9	U
cis-1,2-Dichloroethene	1.73	5.2	U
2,2-Dichloropropane	1.55	4.7	U
Bromochloromethane	2.32	7.0	U
Chloroform	1.66	5.0	U
Carbon Tetrachloride	1.39	4.2	U
Methyl acrylate	3.18	9.5	U
1,1,1-Trichloroethane	1.44	4.3	U
1,1-Dichloropropene	1.19	3.6	U
2-Butanone	15.00	45.0	U
1-Chlorobutane	1.20	3.6	U
Benzene	1.54	4.6	U
Propionitrile	2.38	7.1	U
1,2-Dichloroethane	3.75	11.3	U
Trichloroethene	1.32	4.0	U
Dibromomethane	2.45	7.4	U
1,2-Dichloropropane	1.52	4.6	U
Bromodichloromethane	1.74	5.2	U
Methyl methacrylate	2.19	6.6	U
cis-1,3-Dichloropropene	1.72	5.2	U
Toluene	1.53	4.6	U

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2-Nitropropane	2.95	8.9	U
Tetrachloroethene	0.76	2.3	U
4-Methyl-2-pentanone (MIBK)	3.82	11.5	U
trans-1,3-Dichloropropene	1.94	5.8	U
1,1,2-trichloroethane	2.42	7.3	U
Ethyl methacrylate	1.51	4.5	U
Dibromochloromethane	2.16	6.5	U
1.3-Dichloropropane	2.06	6.2	U
1,2-Dibromoethane EDB)	2.50	7.5	U
2-Hexanone	2.23	6.7	U
Chlorobenzene	1.75	5.3	U
Ethylbenzene	1.43	4.3	8.74
1,1,1,2-Tetrachloroethane	1.84	5.5	U
m&p-Xylene	3.00	9.0	U
o-Xylene	1.67	5.0	U
Bromoform	1.59	4.8	U
Styrene	1.80	5.4	5.90
Isopropylbenzene	1.54	4.6	U
Bromobenzene	2.32	7.0	U
n-Propylbenzene	1.50	4.5	U
1,1,2,2-Tetrachloroethane	2.93	8.8	U
2-Chlorotoluene	2.15	6.5	U
1,2,3-Trichloropropane	2.25	6.8	U
1,3,5-Trimethylbenzene	1.91	5.7	U
t-1,4-Dichloro-2-butene	3.48	10.4	U
4-Chlorotoluene	1.65	5.0	U
t-Butylbenzene	2.50	7.5	U
Pentachloroethane	3.95	11.9	U
1,2,4-Trimethylbenzene	1.81	5.4	U
sec-Butylbenzene	1.75	5.3	U
p-Isopropyl toluene	1.40	4.2	U
1,3-Dichlorobenzene	1.98	5.9	U
1,4-Dichlorobenzene	1.79	5.4	U
n-Butylbenzene	1.19	3.6	U
Hexachloroethane	2.29	6.9	U
1,2-Dichlorobenzene	2.26	6.8	U
1,2-Dibromo-3-chloropropane	3.15	9.5	U
Nitrobenzene	20.00	60.0	U
Hexachlorobutadiene	1.24	3.7	U
1,2,4-Trichlorobenzene	1.70	5.1	U
Naphthalene	2.86	8.6	U
1,2,3-Trichlorobenzene	1.87	5.6	U

surrogate recoveries	1,2-Dichloroethane-d4	106
	Toluene-d8	101
	4-Bromofluorobenzene	90

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Sample ID	MW-13		
Lab ID	DF535		
Collection Date	10/31/12		
Analysis Date	11/3/12		
Run No.	V1103009		
sample matrix	W		Calc'd
Compound	MDL	RL	result
Diclorodifluoromethane	1.59	4.8	U
Chloromethane	1.32	4.0	U
Vinyl Chloride	1.71	5.1	U
Bromomethane	2.44	7.3	U
Chloroethane	7.47	22.4	U
Trichlorofluoromethane	1.63	4.9	U
Diethyl ether	2.90	8.7	U
1,1-Dichloroethene	5.96	17.9	U
Carbon disulfide	7.55	22.7	U
Iodomethane	3.86	11.6	U
Allyl chloride	0.70	2.1	U
Methylene Chloride	15.00	45.0	U
Acetone	3.94	11.8	U
trans-1,2-Dichloroethene	1.22	3.7	U
Methyl-t-butyl ether (MTBE)	2.46	7.4	U
1,1-Dichloroethane	1.50	4.5	U
Acrylonitrile	3.30	9.9	U
cis-1,2-Dichloroethene	1.73	5.2	U
2,2-Dichloropropane	1.55	4.7	U
Bromochloromethane	2.32	7.0	U
Chloroform	1.66	5.0	U
Carbon Tetrachloride	1.39	4.2	U
Methyl acrylate	3.18	9.5	U
1,1,1-Trichloroethane	1.44	4.3	U
1,1-Dichloropropene	1.19	3.6	U
2-Butanone	15.00	45.0	U
1-Chlorobutane	1.20	3.6	U
Benzene	1.54	4.6	U
Propionitrile	2.38	7.1	U
1,2-Dichloroethane	3.75	11.3	U
Trichloroethene	1.32	4.0	U
Dibromomethane	2.45	7.4	U
1,2-Dichloropropane	1.52	4.6	U
Bromodichloromethane	1.74	5.2	U
Methyl methacrylate	2.19	6.6	U
cis-1,3-Dichloropropene	1.72	5.2	U
Toluene	1.53	4.6	U

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2-Nitropropane	2.95	8.9	U
Tetrachloroethene	0.76	2.3	U
4-Methyl-2-pentanone (MIBK)	3.82	11.5	U
trans-1,3-Dichloropropene	1.94	5.8	U
1,1,2-trichloroethane	2.42	7.3	U
Ethyl methacrylate	1.51	4.5	U
Dibromochloromethane	2.16	6.5	U
1.3-Dichloropropane	2.06	6.2	U
1,2-Dibromoethane EDB)	2.50	7.5	U
2-Hexanone	2.23	6.7	U
Chlorobenzene	1.75	5.3	U
Ethylbenzene	1.43	4.3	U
1,1,1,2-Tetrachloroethane	1.84	5.5	U
m&p-Xylene	3.00	9.0	U
o-Xylene	1.67	5.0	U
Bromoform	1.59	4.8	U
Styrene	1.80	5.4	U
Isopropylbenzene	1.54	4.6	U
Bromobenzene	2.32	7.0	U
n-Propylbenzene	1.50	4.5	U
1,1,2,2-Tetrachloroethane	2.93	8.8	U
2-Chlorotoluene	2.15	6.5	U
1,2,3-Trichloropropane	2.25	6.8	U
1,3,5-Trimethylbenzene	1.91	5.7	U
t-1,4-Dichloro-2-butene	3.48	10.4	U
4-Chlorotoluene	1.65	5.0	U
t-Butylbenzene	2.50	7.5	U
Pentachloroethane	3.95	11.9	U
1,2,4-Trimethylbenzene	1.81	5.4	U
sec-Butylbenzene	1.75	5.3	U
p-Isopropyl toluene	1.40	4.2	U
1,3-Dichlorobenzene	1.98	5.9	U
1,4-Dichlorobenzene	1.79	5.4	U
n-Butylbenzene	1.19	3.6	U
Hexachloroethane	2.29	6.9	U
1,2-Dichlorobenzene	2.26	6.8	U
1,2-Dibromo-3-chloropropane	3.15	9.5	U
Nitrobenzene	20.00	60.0	U
Hexachlorobutadiene	1.24	3.7	U
1,2,4-Trichlorobenzene	1.70	5.1	U
Naphthalene	2.86	8.6	U
1,2,3-Trichlorobenzene	1.87	5.6	U

surrogate recoveries	1,2-Dichloroethane-d4	102
	Toluene-d8	101
	4-Bromofluorobenzene	93

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Sample ID	B-4		
Lab ID	DF536		
Collection Date	10/31/12		
Analysis Date	11/3/12		
Run No.	V1103010		
sample matrix	W		Calc'd
Compound	MDL	RL	result
Diclorodifluoromethane	1.59	4.8	U
Chloromethane	1.32	4.0	U
Vinyl Chloride	1.71	5.1	U
Bromomethane	2.44	7.3	U
Chloroethane	7.47	22.4	U
Trichlorofluoromethane	1.63	4.9	U
Diethyl ether	2.90	8.7	U
1,1-Dichloroethene	5.96	17.9	U
Carbon disulfide	7.55	22.7	U
Iodomethane	3.86	11.6	U
Allyl chloride	0.70	2.1	U
Methylene Chloride	15.00	45.0	U
Acetone	3.94	11.8	U
trans-1,2-Dichloroethene	1.22	3.7	U
Methyl-t-butyl ether (MTBE)	2.46	7.4	U
1,1-Dichloroethane	1.50	4.5	U
Acrylonitrile	3.30	9.9	U
cis-1,2-Dichloroethene	1.73	5.2	U
2,2-Dichloropropane	1.55	4.7	U
Bromochloromethane	2.32	7.0	U
Chloroform	1.66	5.0	U
Carbon Tetrachloride	1.39	4.2	U
Methyl acrylate	3.18	9.5	U
1,1,1-Trichloroethane	1.44	4.3	U
1,1-Dichloropropene	1.19	3.6	U
2-Butanone	15.00	45.0	U
1-Chlorobutane	1.20	3.6	U
Benzene	1.54	4.6	U
Propionitrile	2.38	7.1	U
1,2-Dichloroethane	3.75	11.3	U
Trichloroethene	1.32	4.0	U
Dibromomethane	2.45	7.4	U
1,2-Dichloropropane	1.52	4.6	U
Bromodichloromethane	1.74	5.2	U
Methyl methacrylate	2.19	6.6	U
cis-1,3-Dichloropropene	1.72	5.2	U
Toluene	1.53	4.6	U

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2-Nitropropane	2.95	8.9	U
Tetrachloroethene	0.76	2.3	U
4-Methyl-2-pentanone (MIBK)	3.82	11.5	U
trans-1,3-Dichloropropene	1.94	5.8	U
1,1,2-trichloroethane	2.42	7.3	U
Ethyl methacrylate	1.51	4.5	U
Dibromochloromethane	2.16	6.5	U
1.3-Dichloropropane	2.06	6.2	U
1,2-Dibromoethane EDB)	2.50	7.5	U
2-Hexanone	2.23	6.7	U
Chlorobenzene	1.75	5.3	U
Ethylbenzene	1.43	4.3	453 E
1,1,1,2-Tetrachloroethane	1.84	5.5	U
m&p-Xylene	3.00	9.0	9.06
o-Xylene	1.67	5.0	7.79
Bromoform	1.59	4.8	U
Styrene	1.80	5.4	230
Isopropylbenzene	1.54	4.6	1.57 J
Bromobenzene	2.32	7.0	U
n-Propylbenzene	1.50	4.5	U
1,1,2,2-Tetrachloroethane	2.93	8.8	U
2-Chlorotoluene	2.15	6.5	U
1,2,3-Trichloropropane	2.25	6.8	U
1,3,5-Trimethylbenzene	1.91	5.7	U
t-1,4-Dichloro-2-butene	3.48	10.4	U
4-Chlorotoluene	1.65	5.0	U
t-Butylbenzene	2.50	7.5	U
Pentachloroethane	3.95	11.9	U
1,2,4-Trimethylbenzene	1.81	5.4	U
sec-Butylbenzene	1.75	5.3	U
p-Isopropyl toluene	1.40	4.2	U
1,3-Dichlorobenzene	1.98	5.9	U
1,4-Dichlorobenzene	1.79	5.4	U
n-Butylbenzene	1.19	3.6	U
Hexachloroethane	2.29	6.9	U
1,2-Dichlorobenzene	2.26	6.8	U
1,2-Dibromo-3-chloropropane	3.15	9.5	U
Nitrobenzene	20.00	60.0	U
Hexachlorobutadiene	1.24	3.7	U
1,2,4-Trichlorobenzene	1.70	5.1	U
Naphthalene	2.86	8.6	U
1,2,3-Trichlorobenzene	1.87	5.6	U

surrogate recoveries	1,2-Dichloroethane-d4	98
	Toluene-d8	102
	4-Bromofluorobenzene	94

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INSTRUMENT / METHOD BLANKS

Sample ID	Blank 1		
Analysis Date	11/3/12		
Run No.	V1103003		
sample matrix	W		Calc'd
Compound	MDL	RL	result
Diclorodifluoromethane	1.59	4.8	U
Chloromethane	1.32	4.0	U
Vinyl Chloride	1.71	5.1	U
Bromomethane	2.44	7.3	U
Chloroethane	7.47	22.4	U
Trichlorofluoromethane	1.63	4.9	U
Diethyl ether	2.90	8.7	U
1,1-Dichloroethene	5.96	17.9	U
Carbon disulfide	7.55	22.7	U
Iodomethane	3.86	11.6	U
Allyl chloride	0.70	2.1	U
Methylene Chloride	15.00	45.0	U
Acetone	3.94	11.8	U
trans-1,2-Dichloroethene	1.22	3.7	U
Methyl-t-butyl ether (MTBE)	2.46	7.4	U
1,1-Dichloroethane	1.50	4.5	U
Acrylonitrile	3.30	9.9	U
cis-1,2-Dichloroethene	1.73	5.2	U
2,2-Dichloropropane	1.55	4.7	U
Bromochloromethane	2.32	7.0	U
Chloroform	1.66	5.0	U
Carbon Tetrachloride	1.39	4.2	U
Methyl acrylate	3.18	9.5	U
1,1,1-Trichloroethane	1.44	4.3	U
1,1-Dichloropropene	1.19	3.6	U
2-Butanone	15.00	45.0	U
1-Chlorobutane	1.20	3.6	U
Benzene	1.54	4.6	U
Propionitrile	2.38	7.1	U
1,2-Dichloroethane	3.75	11.3	U
Trichloroethene	1.32	4.0	U
Dibromomethane	2.45	7.4	U
1,2-Dichloropropane	1.52	4.6	U
Bromodichloromethane	1.74	5.2	U
Methyl methacrylate	2.19	6.6	U
cis-1,3-Dichloropropene	1.72	5.2	U
Toluene	1.53	4.6	U
2-Nitropropane	2.95	8.9	U

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Tetrachloroethene	0.76	2.3	U
4-Methyl-2-pentanone (MIBK)	3.82	11.5	U
trans-1,3-Dichloropropene	1.94	5.8	U
1,1,2-trichloroethane	2.42	7.3	U
Ethyl methacrylate	1.51	4.5	U
Dibromochloromethane	2.16	6.5	U
1.3-Dichloropropane	2.06	6.2	U
1,2-Dibromoethane EDB)	2.50	7.5	U
2-Hexanone	2.23	6.7	U
Chlorobenzene	1.75	5.3	U
Ethylbenzene	1.43	4.3	U
1,1,1,2-Tetrachloroethane	1.84	5.5	U
m&p-Xylene	3.00	9.0	U
o-Xylene	1.67	5.0	U
Bromoform	1.59	4.8	U
Styrene	1.80	5.4	U
Isopropylbenzene	1.54	4.6	U
Bromobenzene	2.32	7.0	U
n-Propylbenzene	1.50	4.5	U
1,1,2,2-Tetrachloroethane	2.93	8.8	U
2-Chlorotoluene	2.15	6.5	U
1,2,3-Trichloropropane	2.25	6.8	U
1,3,5-Trimethylbenzene	1.91	5.7	U
t-1,4-Dichloro-2-butene	3.48	10.4	U
4-Chlorotoluene	1.65	5.0	U
t-Butylbenzene	2.50	7.5	U
Pentachloroethane	3.95	11.9	U
1,2,4-Trimethylbenzene	1.81	5.4	U
sec-Butylbenzene	1.75	5.3	U
p-Isopropyl toluene	1.40	4.2	U
1,3-Dichlorobenzene	1.98	5.9	U
1,4-Dichlorobenzene	1.79	5.4	U
n-Butylbenzene	1.19	3.6	U
Hexachloroethane	2.29	6.9	U
1,2-Dichlorobenzene	2.26	6.8	U
1,2-Dibromo-3-chloropropane	3.15	9.5	U
Nitrobenzene	20.00	60.0	U
Hexachlorobutadiene	1.24	3.7	U
1,2,4-Trichlorobenzene	1.70	5.1	U
Naphthalene	2.86	8.6	U
1,2,3-Trichlorobenzene	1.87	5.6	U
GRO	42.6	127.7	U

surrogate recoveries	1,2-Dichloroethane-d4	104
	Toluene-d8	100
	4-Bromofluorobenzene	96

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LCS/Spike RESULTS

Spike Level ng/ml	Sample ID / Run No. / Compound	LCS 1 / V1103004 LCS Sample Result	LCS Spike % Recovery
50	Vinyl chloride	37	74
50	1,1-Dichloroethene	48	96
50	1,1-Dichloroethane	44	88
50	cis-1,2-Dichloroethene	43	86
50	Chloroform	47	94
50	1,1,1-Trichloroethane	49	98
50	Benzene	40	80
50	Trichloroethene	40	80
50	Toluene	38	76
50	Tetrachloroethene	33	66
50	Chlorobenzene	39	78
50	Ethyl benzene	40	80
100	m&p-Xylene	84	84
50	o-Xylene	39	78
50	1,2,3-Trichloropropane	37	74
50	2-Chlorotoluene	36	72
50	1,2,4-Trimethylbenzene	40	80
50	1,3-Dichlorobenzene	38	76
50	1,2,4-Trichlorobenzene	37	74
50	Naphthalene	38	76
	surrogate recoveries	1,2-Dichloroethane-d4	115
		Toluene-d8	99
		4-Bromofluorobenzene	97

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MS/MSD and SAMPLE DUPLICATE RESULTS

(results are from the instrument and not corrected for dilution)

	Sample ID	MW-4					
	Lab ID	DF533					
	Run No.	V1103005	V1103006		V1103007		
Spike Level ng/ml	Compound	Sample Results	MS Sample Result	MS Spike % Recovery	MSD Sample Result	MSD Spike % Recovery	RPD
50	1,1-Dichloroethene	0.0	48	96	47	94	2.1
50	1,1-Dichloroethane	0.0	41	82	39	78	5.0
51	Methyl-t-butyl ether (MTBE)	0.0	41	80	41	80	0.0
50	cis-1,2-Dichloroethene	0.0	40	80	40	80	0.0
50	1,1,1-Trichloroethane	0.0	43	86	41	82	4.8
50	Benzene	0.0	39	78	38	76	2.6
50	Trichloroethene	0.0	39	78	37	74	5.3
50	Toluene	0.0	39	78	38	76	2.6
50	Tetrachloroethene	0.0	38	76	38	76	0.0
50	Chlorobenzene	0.0	39	78	37	74	5.3
50	Ethyl benzene	0.2	40	80	38	76	5.1
100	m&p-Xylene	0.4	86	86	82	82	4.8
50	o-Xylene	0.0	40	80	38	76	5.1
50	1,3-Dichlorobenzene	0.0	39	78	37	74	5.3

APPENDIX E

CHAIN OF CUSTODY FORMS

S and S Onsite Analytical, Ltd.
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Findlay, OH 45840
Phone 419-422-9796

Chain of Custody Record

Project No.	Project Name:	Location of Sampling Site
22150	Deltech	Troy, OH

Sampler (Signature): Tom Grettis

Purchase Order NO.:

No.	Sample Field I.D. No.	Date	Time	Comp	Grab	Matrix	No. of Cont.	Type Container	Preserve	Analysis and Method Requested: Method	Anal.	Shipment Seal No. / Lab ID No. (Filled in by lab)
1	B-1 0-4	9/19	0920		X	Soil	1	Glass 4oz	ice	VOCs	X	DF 453
2	B-1 15	↓	0950		X	↓	↓	↓	↓	↓	↓	454
3	B-2 8-12	↓	1040		X							455
4	B-3 16-20	9/20	1020		X							456
5	B-4 0-4	↓	1050		X							457
6	B-4 12-16	↓	1120		X							458
7												
8												
9												
10												

Remarks/Special Instructions (Detection Limit, Rush results Requested, etc.)

1. Relinquished by: (Signature)	Date/Time	1. Received by: (Signature)	2. Relinquished by: (Signature)	Date/Time	2. Received by: (Sig.)
T. Uhle	9-24-12	[signature] 9/25/12			
3. Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Sig.)	Date/Time	Client ID Number:	
Seal intact at lab? ___Yes ___No		Report Results to: info@kilbaneenv.com		Phone No.: 513-874-6650	

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7277 Township Rd. 95
Findlay, OH 45840
Phone 419-422-9796

Chain of Custody Record

Page 1 of 1

Project No.	Project Name:	Location of Sampling Site
22150	22150	TROY, OH

Sampler (Signature): T Autt

Purchase Order NO.: 22150

No.	Sample Field I.D. No.	Date	Time	Comp	Grab	Matrix	No. of Cont.	Type Container	Preserve
1	MW4	10/31/12	1410		✓	WATER	2	40ml	HCl
2	MW6	"	1420		✓	WATER	2	40ml	HCl
3	MW13	"	1430		✓	WATER	2	40ml	HCl
4	B4	"	1440		✓	WATER	2	40ml	HCl
5									
6									
7									
8									
9									
10									

Analysis and Method Requested: Method: 8260 (Anal.: VOCs ✓)

Shipment Seal No.

Lab ID No. (Filled in by lab): 535F 539 535 ~~550~~ 536

Remarks/Special Instructions (Detection Limit, Rush results Requested, etc.)

1. Relinquished by: (Signature)	Date/Time	1. Received by: (Signature)	2. Relinquished by: (Signature)	Date/Time	2. Received by: (Sig.)
T Autt	10/31/12 1730	11/1/12			

3. Relinquished by: (Signature)	Date/Time	Received for Laboratory by: (Sig.)	Date/Time	Client ID Number:

Seal intact at lab? ___Yes ___No

Report Results to:

Phone No.:

APPENDIX F

DISPOSAL DOCUMENTATION

NO UST EXCAVATION WAS CONDUCTED

CLOSURE IN-PLACE

NO DISPOSAL ACTIVITIES

APPENDIX G

MISCELLANEOUS DATA

January 2, 2004

Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E. Maint St.
PO Box 687
Reynoldsburg, OH 43068-9009

Attn: Ms. Amanda Davies

Re: UST Abandonment

Dear Ms. Davies:

This letter is in response to your request for information dated December 9, 2003. Below is a description of procedures followed during temporary abandonment of the 20,000 gallon styrene tank at Troy, Ohio. Permanent closure of the tank has not been completed.

In October, 1998, Deltech Polymers Corporation contracted the Payne Firm to complete closure on two 500 gallon Therminol tanks and the styrene tank. They sub-contracted the tank cleaning to AST Environmental. In November, 1998, AST cleaned the three tanks. The styrene tank was water blasted and entered, removing all liquid, semi-solid, or solid residues in the tank. The top man way cover was then reinstalled, and the tank was vented per regulation. The tank has remained in this state until present time, clean and empty.

Deltech Polymers Corporation intended to permanently close the tank in place, fill it with an inert concrete-like material, and submit a final closure assessment report. Deltech Polymers submitted a request for deviation from the soil sampling requirements. This request was based on two main points. First, periodic leak detection conducted on the tank always showed that the tank was not leaking. Second, an explosion and fire in 1987 had contaminated the soil in the vicinity of the tank. This contamination had shown up in monitoring wells just downstream of the area, but was decreasing through natural attenuation. However, soil sampling around the tank would surely show hydrocarbon contamination (styrene and ethyl

benzene), and this contamination would not have originated with the styrene tank. Therefore, there was no constructive purpose for conducting the soil sampling.

To date, Deltech Polymers Corporation has not been able to resolve the dispute with BUSTR, and has not submitted a closure assessment report. It is our desire to complete the closure as soon as possible and lay this matter to rest.

If there is any further information I can provide, please contact me (937) 335-5286 Ext. 11, or via e-mail at jmathis@deltechcorp.com.

Sincerely,

Jim Mathis
V.P. Operations

Ernst concrete

269478

502513

TO JOB	854
ON JOB	854
POUR	906
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

30 GALS FULL LOAD

____ GALS 2/3 LOAD

____ GALS 1/3 LOAD

TEST RESULTS

AIR %

SLUMP

CONC. TEMP

TERMS AND CONDITIONS

ADDITIONAL CHARGES: An additional unloading charge ($60 per hour) may be added if the Purchaser exceeds six minutes per yard unloading time. Additional charges may also apply to small loads and overtime (after 5:00 p.m. weekdays) and Saturday deliveries.

COLLECTION: In the event legal action is commenced to collect payment, Purchaser agrees to pay all reasonable attorneys fees and court costs and interest shall accrue at the rate of 1½% per month on all past due balances.

WARRANTY DISCLAIMER: All warranties either express or implied are void if water is added to the concrete to increase the slump over the maximum limit indicated below or if the concrete has been on the truck for more than 90 minutes. Our concrete strength guarantee per ASTM C-94 will not be effective unless field sampling and handling has been done per ASTM C-172 and ASTM C-31 and the test lab complies with ASTM C-39 and ASTM-329.

OFF ROAD DELIVERIES: If Purchaser orders delivery beyond the paved street or curb line, the Purchaser states that he or she has full authority to permit delivery to the requested delivery site and agrees to provide adequate roadways or approaches to the points of delivery. The Purchaser understands that Ernst does not assume any liability or responsibility for any damage to real or personal property caused by the concrete truck when it leaves the available paved street or curb line. The Purchaser agrees to hold harmless Ernst for any such property loss or damage incurred as a result of this delivery and also agrees to indemnify Ernst for any damage to Ernst's equipment or other loss caused by any condition on the property, including wrecker charges for any concrete truck that becomes stuck.

X RE BJC/KEI

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

DATE	CUSTOMER NAME	CUST #	P.O. #
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502513	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH ACROSS THE TRACKS

SPECIAL INST./DRIVER COMMENTS

PREV TRK

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	568	JENKINS, DALE	8.00	9:00	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	10.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	1.00	1.00	FUEL SURCHARGE		
10.00	CY	10.00	1.00	WINTER CHARGE		

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

SUBTOTAL

TAX

TOTAL

CUSTOMER COPY

269479

Ernst concrete

502514

TERMS AND CONDITIONS

ADDITIONAL CHARGES: An additional unloading charge ($60 per hour) may be added if the Purchaser exceeds six minutes per yard unloading time. Additional charges may also apply to small loads and overtime (after 5:00 p.m. weekdays) and Saturday deliveries.

COLLECTION: In the event legal action is commenced to collect payment, Purchaser agrees to pay all reasonable attorneys fees and court costs and interest shall accrue at the rate of 1 ½% per month on all past due balances.

WARRANTY DISCLAIMER: All warranties either express or implied are void if water is added to the concrete to increase the slump over the maximum limit indicated below or if the concrete has been on the truck for more than 90 minutes. Our concrete strength guarantee per ASTM C-94 will not be effective unless field sampling and handling has been done per ASTM C-1 72 and ASTM C-31 and the test lab complies with ASTM C-39 and ASTM-329.

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X Brian Butler / KEJ

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

TO JOB	9 02
ON JOB	9 05
POUR	9 17
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

_____ GALS FULL LOAD

_____ GALS 2/3 LOAD

_____ GALS 1/3 LOAD

TEST RESULTS _____

AIR % _____

SLUMP _____

CONC. TEMP _____

DATE	CUSTOMER NAME	CUST #	PO #
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502514	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH ARDSS THE TRACKS

SPECIAL INST./DRIVER COMMENTS

PREV TRK: 568

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	596	MORAN, RYAN	8.00	9:12	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	20.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	2.00	1.00	FUEL SURCHARGE		
10.00	CY	20.00	1.00	WINTER CHARGE		

SUBTOTAL

TAX

TOTAL

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

269480

ernst concrete

502515

TO JOB	9:09
ON JOB	9:12
POUR	9:28
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

35 GALS FULL LOAD

____ GALS 2/3 LOAD

____ GALS 1/3 LOAD

TEST RESULTS ____

AIR % ____

SLUMP ____

CONC. TEMP ____

TERMS AND CONDITIONS

ADDITIONAL CHARGES: An additional unloading charge ($60 per hour) may be added if the Purchaser exceeds six minutes per yard unloading time. Additional charges may also apply to small loads and overtime (after 5:00 p.m. weekdays) and Saturday deliveries.

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WARRANTY DISCLAIMER: All warranties either express or implied are void if water is added to the concrete to increase the slump over the maximum limit indicated below or if the concrete has been on the truck for more than 90 minutes. Our concrete strength guarantee per ASTM C-94 will not be effective unless field sampling and handling has been done per ASTM C-172 and ASTM C-31 and the test lab complies with ASTM C-39 and ASTM-329.

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X Bill Butsikel

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

DATE	CUSTOMER NAME	CUST #	P.O. #
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502515	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH AROSS THE TRACKS

SPECIAL INST./DRIVER COMMENTS

PREV TRK 596

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	584	LOPER, BRUCE	8.00	9:24	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	30.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	3.00	1.00	FUEL SURCHARGE		
10.00	CY	30.00	1.00	WINTER CHARGE		

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

SUBTOTAL

TAX

TOTAL

CUSTOMER COPY

269483

Ernst concrete

502518

TERMS AND CONDITIONS

ADDITIONAL CHARGES: An additional unloading charge ($60 per hour) may be added if the Purchaser exceeds six minutes per yard unloading time. Additional charges may also apply to small loads and overtime (after 5:00 p.m. weekdays) and Saturday deliveries.

COLLECTION: In the event legal action is commenced to collect payment, Purchaser agrees to pay all reasonable attorneys fees and court costs and interest shall accrue at the rate of 1% per month on all past due balances.

WARRANTY DISCLAIMER: All warranties either express or implied are void if water is added to the concrete to increase the slump over the maximum limit indicated below or if the concrete has been on the truck for more than 90 minutes. Our concrete strength guarantee per ASTM C-94 will not be effective unless field sampling and handling has been done per ASTM C-172 and ASTM C-31 and the test lab complies with ASTM C-39 and ASTM-329.

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X [signature] / REC

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

TO JOB	9:40
ON JOB	9:50
POUR	9:46
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.) 10

GALS FULL LOAD

GALS 2/3 LOAD

GALS 1/3 LOAD

TEST RESULTS

AIR %

SLUMP

CONC. TEMP.

DATE	CUSTOMER NAME	CUST #	PO #
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502518	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH AROSS THE TRACKS

SPECIAL INST./DRIVER COMMENTS

PREV TRK: 584

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	568	JENKINS, DALE	8.00	9:36	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	40.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	4.00	1.00	FUEL SURCHARGE		
10.00	CY	40.00	1.00	WINTER CHARGE		

DELIVERED

SUBTOTAL	
TAX	
TOTAL	

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

Ernst concrete

269484

502519

TO JOB	9 46
ON JOB	9 49
POUR	9 55
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL)

_____ GALS FULL LOAD

_____ GALS 2/3 LOAD

_____ GALS 1/3 LOAD

TEST RESULTS _____

AIR % _____

SLUMP _____

CONC. TEMP _____

TERMS AND CONDITIONS

ADDITIONAL CHARGES: An additional unloading charge ($60 per hour) may be added if the Purchaser exceeds six minutes per yard unloading time. Additional charges may also apply to small loads and overtime (after 5:00 p.m. weekdays) and Saturday deliveries.

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X Brian Bather/KEI

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

DATE	CUSTOMER NAME	CUST #	P.O. #
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502519	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH AROSS THE TRACKS

SPECIAL INST/DRIVER COMMENTS

PREV TRK 568

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	596	MORAN, RYAN	8.00	9:48	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	50.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	5.00	1.00	FUEL SURCHARGE		
10.00	CY	50.00	1.00	WINTER CHARGE		

SUBTOTAL

TAX

TOTAL

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT.

SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

Ernst concrete

269486

502521

TO JOB	9:58
ON JOB	10:01
POUR	10:05
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

GALS FULL LOAD

GALS 2/3 LOAD

GALS 1/3 LOAD

TEST RESULTS

AIR %

SLUMP

CONC. TEMP.

TERMS AND CONDITIONS

ADDITIONAL CHARGES: An additional unloading charge ($60 per hour) may be added if the Purchaser exceeds six minutes per yard unloading time. Additional charges may also apply to small loads and overtime (after 5:00 p.m. weekdays) and Saturday deliveries.

COLLECTION: In the event legal action is commenced to collect payment, Purchaser agrees to pay all reasonable attorneys fees and court costs and interest shall accrue at the rate of 1½% per month on all past due balances.

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X Bill Butler / KEI

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

DATE	CUSTOMER NAME	CUST #	PO #
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502521	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH ACROSS THE TRACKS

SPECIAL INST/DRIVER COMMENTS

PREV TRK: 596

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	584	LORER, BRUCE	8.00	10:00	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	60.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	6.00	1.00	FUEL SURCHARGE		
10.00	CY	60.00	1.00	WINTER CHARGE		

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

SUBTOTAL	
TAX	
TOTAL	

ernst concrete

269487

502522

TO JOB	10:10
ON JOB	10:12
POUR	10:12
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

____ GALS FULL LOAD

____ GALS 2/3 LOAD

____ GALS 1/3 LOAD

TEST RESULTS

AIR % ____

SLUMP ____

CONC. TEMP ____

TERMS AND CONDITIONS

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x Brian Baker / KEI

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

DATE	CUSTOMER NAME	CUST.#	P.O.#
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502522	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH AROSS THE TRACKS

SPECIAL INST./DRIVER COMMENTS

PREV TRK 584

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	634	BAKER, STEVE	8.00	10:12	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	70.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	7.00	1.00	FUEL SURCHARGE		
10.00	CY	70.00	1.00	WINTER CHARGE		

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

SUBTOTAL	
TAX	
TOTAL	

Ernst concrete

269488

502523

TO JOB	10 10
ON JOB	10 12
POUR	10 34
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

_____ GALS FULL LOAD

_____ GALS 2/3 LOAD

_____ GALS 1/3 LOAD

TEST RESULTS

AIR % _____

SLUMP _____

CONC. TEMP _____

TERMS AND CONDITIONS

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X Ben Bintz / KEE

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

DATE	CUSTOMER NAME	CUST #	P.O. #
12/18/12	DELTECH POLYMERS CORP	0003829	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY.	CITY
502523	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH ACROSS THE TRACKS

SPECIAL INST./DRIVER COMMENTS

PREV. TRK # 634

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	568	JENKINS, DALE	8.00	10:24	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	80.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	8.00	1.00	FUEL SURCHARGE		
10.00	CY	80.00	1.00	WINTER CHARGE		

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

SUBTOTAL

TAX

TOTAL

Ernst concrete

269489

502524

TO JOB	10 23
ON JOB	10 26
POUR	10 49
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

____ GALS FULL LOAD

____ GALS 2/3 LOAD

____ GALS 1/3 LOAD

TEST RESULTS

AIR % ____

SLUMP ____

CONC. TEMP ____

TERMS AND CONDITIONS

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X Brian Butler/KEI

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

DATE	CUSTOMER NAME	CUST #	P.O. #
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502524	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH ACROSS THE TRACKS

SPECIAL INST./DRIVER COMMENTS

PREV TRK: 568

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	536	MORAN, RYAN	8.00	10:36	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	90.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	9.00	1.00	FUEL SURCHARGE		
10.00	CY	90.00	1.00	WINTER CHARGE		

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

SUBTOTAL

TAX

TOTAL

CUSTOMER COPY

ernst concrete

269490

502525

TO JOB	10 34
ON JOB	10 36
POUR	
WASH	
TO PLANT	
IN YARD	

WATER ADDED AT CUSTOMER'S RISK

WATER ADDED (GAL.)

____ GALS FULL LOAD

____ GALS 2/3 LOAD

____ GALS 1/3 LOAD

TEST RESULTS ____

AIR % ____

SLUMP ____

CONC. TEMP. ____

TERMS AND CONDITIONS

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X Bill Bitner/KEJ

CAUTION: CONCRETE BURNS - READ WARNING ON REVERSE SIDE

DATE	CUSTOMER NAME	CUST #	P.O. #
12/18/12	DELTECH POLYMERS CORP	00038291	15392

TICKET #	DELIVERY ADDRESS	STATE	CNTY	CITY
502525	1250 S. UNION ST			TROY

INSTRUCTIONS: JOB @ DELTECH AROSS THE TRACKS

SPECIAL INST./DRIVER COMMENTS

PREV TRK 596

PLT #	TRK #	DRIVER NAME	SLUMP	TIME DUE	WORK TYPE	ORD #
51	617	BINGAMON, SCOTT	8.00	10:48	BACK FILL	24867

LOAD QUANTITY	UNIT OF MEASURE	CUMULATIVE QUANTITY	ORDERED QUANTITY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
10.00	yd	100.00	100.01	LOW STRENGTH MORTAR ODOT		
1.00	LD	10.00	1.00	FUEL SURCHARGE		
10.00	CY	100.00	1.00	WINTER CHARGE		

WARNING: WET UNHARDENED CONCRETE MAY BE HARMFUL DUE TO CHEMICAL CONTENT

SEE MSDS DISCLOSURE ON REVERSE SIDE.

CUSTOMER COPY

SUBTOTAL

TAX

TOTAL

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
David Goodman, Director

March 28, 2013

TOM LOWRY
DELTECH POLYMERS CORP.
1250 S UNION ST
TROY, OHIO 45373

SITE: DELTECH POLYMERS CORP.
1250 S UNION ST
TROY OH
MIAMI COUNTY
RELEASE #55000232-N00001

RE: HAZARDOUS SUBSTANCE CLOSURE

Dear Mr. Lowry:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your "Closure Assessment Additional Information Response" dated March 13, 2013, for the removal of a 20,000 gallon steel styrene tank which was closed in place on December 18, 2012. Based on this review BUSTR has determined that a release from the UST(s) has occurred and that corrective actions are necessary. USTs containing hazardous substances as listed in Ohio Administrative Code 1301:7-9-3, effective July 1, 2012 are regulated by BUSTR during closure but not corrective action. Therefore, a copy of the Closure Assessment Report must be submitted to the United States Environmental Protection Agency (USEPA) Region 5 who will provide corrective action oversight. The contact information for USEPA Region 5 is as follows:

Ms. Erin Galbraith
Underground Storage Tank Section
Land and Chemical Division
USEPA Region 5
77 West Jackson Boulevard (LR-8J)
Chicago, IL 60064

A copy of the Closure Assessment Report must be submitted to the USEPA by June 28, 2013.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at http://www.com.state.oh.us/fire/bustMain.aspx *or* by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at 614-728-4588

Sincerely,

Drue E. Roberts
Environmental Specialist

xc: Site File
Erin Galbraith, USEPA Region 5

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
Jayme Brown, Interim Director

March 20, 2013

TOM LOWRY
DELTECH POLYMERS CORP.
1250 S UNION ST
TROY, OHIO 45373

SITE: DELTECH POLYMERS CORP.
1250 S UNION ST
TROY OH
MIAMI COUNTY
RELEASE #55000232-N00001

RE: TIER 1 DELINEATION REQUIRED

Dear Mr. Lowry:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your report titled "Response to Additional Information Request" dated March 13, 2013. BUSTR has determined that soil contamination exists in excess of the action levels applicable to this site. You are required to perform a Tier 1 Delineation as prescribed in Ohio Administrative Code 1301:7-9-13(I), effective July 1, 2012, and explained in BUSTR's *Technical Guidance Manual (2012)*. These documents describe the activities that must be performed during the Tier 1 Delineation and the information that is to be submitted to BUSTR. You must submit the Tier 1 Investigation Report on or before March 20 2104.

The purpose of the Tier 1 Delineation is to define the vertical and horizontal extent of chemical(s) of concern in soil and ground water to the Delineation Levels referenced in OAC 1301:7-9-13(J)(1) and to determine the potential drinking water use at the site.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at http://www.com.ohio.gov/fire/bustMain.aspx *or* by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at (614) 728-4588.

Sincerely,

Drue Roberts
Environmental Specialist

xc: Site File

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
David Goodman, Director

January 29, 2013

TOM LOWRY
DELTECH POLYMERS CORP.
1250 S UNION ST
TROY, OHIO 45373

SITE: DELTECH POLYMERS CORP.
1250 S UNION ST
TROY OH
MIAMI COUNTY
RELEASE #55000232-N00003

RE: ADDITIONAL INFORMATION REQUESTED

Dear Mr. Lowry:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your report titled "BUSTR Closure Form 2005" dated January 11, 2013. Based on our review, BUSTR requests the following:

1. The samples were not analyzed by an accredited laboratory per Ohio Administrative Code 1301:7-9-02 (B)(1). If proof of laboratory accreditation cannot be provided the soil and groundwater samples must be re-sampled and analyzed by an accredited laboratory.

Please be advised that the transfer of the property will not extinguish your liability to perform the required corrective actions. Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at http://www.com.ohio.gov/fire/bustMain.aspx *or* by calling our office.

Please submit this information to BUSTR on or before May 1, 2013.

Thank you for your cooperation. If you have any questions, please contact me at (614) 728-4588.

Sincerely,

Drue Roberts
Environmental Specialist

xc: Site File

Bureau of Underground Storage Tank Regulations
8895 East Main Street
Reynoldsburg, OH 43068 U.S.A.

614 | 752 7938
Fax 614 | 752 7942
TTY/TDD 800 | 750 0750
www.com.ohio.gov

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
David Goodman, Director

August 09, 2012

TOM LOWRY
DELTECH POLYMERS CORP.
1250 S UNION ST
TROY, OHIO 45373

SITE: DELTECH POLYMERS CORP.
1250 S UNION ST
TROY OH
MIAMI COUNTY
RELEASE #55000232-N00003

RE: APPROVAL TO PERFORM CLOSURE IN LIEU OF A SITE CHECK

Dear Mr. Lowry:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your request dated July 17, 2012, to perform a closure-in-place of the UST system.

Approval is hereby granted for closure in place of the UST system, or portion of UST system. At least one of the samples required under Ohio Administrative Code 1301:7-9-12, shall be biased towards the suspected areas of highest concentration of chemical(s) of concern resulting from the suspected release.

All excavated soils shall be managed as petroleum contaminated soils (PCS) unless laboratory analysis indicates otherwise. Underground storage tank owners and/or operators are therefore requested to complete and submit a "Petroleum Contaminated Soil Form". The completion of this form, along with all applicable supporting information and documentation, will allow the BUSTR staff to verify proper PCS disposal. A separate form must be completed for each soil pile or containerized soil group.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at http://www.com.state.oh.us/fire/bustMain.aspx *or* by calling our office.

Thank you for your cooperation. If you have any questions, please contact Drue Roberts at (614)728-4588.

Sincerely,

Drue Roberts
Environmental Specialist

xc: Site File

Bureau of Underground Storage Tank Regulations
8895 East Main Street
Reynoldsburg, OH 43068 U.S.A.

614 | 752 7938
Fax 614 | 752 7942
TTY/TDD 800 | 750 0750
www.com.ohio.gov

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
David Goodman, Director

August 09, 2012

TOM LOWRY
DELTECH POLYMERS CORP.
1250 S UNION ST
TROY, OHIO 45373

SITE: DELTECH POLYMERS CORP.
1250 S UNION ST
TROY OH
MIAMI COUNTY
RELEASE #55000232-N00003

RE: APPROVAL TO PERFORM CLOSURE IN LIEU OF A SITE CHECK

Dear Mr. Lowry:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your request dated July 17, 2012, to perform a closure-in-place of the UST system.

Approval is hereby granted for closure in place of the UST system, or portion of UST system. At least one of the samples required under Ohio Administrative Code 1301:7-9-12, shall be biased towards the suspected areas of highest concentration of chemical(s) of concern resulting from the suspected release.

All excavated soils shall be managed as petroleum contaminated soils (PCS) unless laboratory analysis indicates otherwise. Underground storage tank owners and/or operators are therefore requested to complete and submit a "Petroleum Contaminated Soil Form". The completion of this form, along with all applicable supporting information and documentation, will allow the BUSTR staff to verify proper PCS disposal. A separate form must be completed for each soil pile or containerized soil group.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at http://www.com.state.oh.us/fire/bustMain.aspx *or* by calling our office.

Thank you for your cooperation. If you have any questions, please contact Drue Roberts at (614)728-4588.

Sincerely,

Drue Roberts
Environmental Specialist

xc: Site File

Bureau of Underground Storage Tank Regulations
5 East Main Street
Reynoldsburg, OH 43068 U.S.A.

614 | 752 7938
Fax 614 | 752 7942
TTY/TDD 800 | 750 0750
www.com.ohio.gov

[redacted] 000232 - N00002[redacted]

1250 South Union Street
Troy, OH 45373
(937) 339-3150
Fax: (937) 339-7694

RECEIVED
JUL 17 2012
SFM/BUSTR

DELTECH POLYMERS CORPORATION

Thomas M. Lowry
Deltech Polymers Corp.
1250 S.Union Street
Troy, OH 45373
July 2, 2012

Marshal Larry Flowers
State Fire Marshal
Ohio Dept. of Commerce, Division of State Fire Marshal (BUSTR)
8895 East Main Street
Reynoldsburg, OH 43068

Dear Marshal Flowers,

I am writing this letter to formally request to close in place tank #3 of Deltech Polymers Corp. listed tank inventory. Tank #3 has been out of service for a number of years, is empty and dry as demonstrated during the recent inspection and has no commercial value to Deltech Polymers Corp. Given Tank #3's close proximity to Deltechs existing process equipment, removal would undermine several other structures. It is in consideration of these facts that Deltech requests permission to close in place by approved methods Tank #3. If any further information is needed by your office, please feel free to contact me. My contact information is listed below

Best regards,

Thomas M. Lowry
Deltech Polymers Corp.
1250 South Union Street
Troy Ohio, 45373
(937) 339-3150 Ext 121
TLowry @deltechcorp.com

Cc: Steven Krichbaum
Brent Reedstrom
File

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
David Goodman, Director

JULY 12, 2012

TOM LOWRY
DELTECH POLYMERS CORP.
1250 S UNION ST
TROY, Ohio 45373

RE: Closure-In-Place of T00003, a 20,000-Gallon Hazardous Substance Underground Storage Tank (UST) Located at Deltech Polymers Corp., 1250 South Union Street, Troy, Ohio, Facility # 55000232.

Dear Mr. Lowry:

Based on the Bureau of Underground Storage Tank Regulation's evaluation of the UST at the above referenced location, the 20,000-Gallon UST is hereby approved for closure-in-place with the following conditions:

1. The closure-in-place is to be performed in accordance with API 1604;
2. Remove all flammable or combustible liquid from the UST and all connecting lines;
3. Remove all sludge from the UST and thoroughly rinse and flush the UST and piping;
4. Disconnect the suction, inlet gauge, and vent lines and cap the remaining underground piping;
5. Fill the UST completely with an inert, solid material that has a density greater than the density of water;
6. Keep a record of UST size, location, date of closure-in-place, and method used for placing the USTs in a safe condition; and
7. Conduct a closure assessment as required by Ohio Administrative Code 1301:7-9-12, if applicable.

This letter is not a permit to perform work. Prior to performing the closure-in-place, you must obtain a permit pursuant to paragraph (C) of rule 1301:7-9-10 of the Administrative Code. An application for a permit may be obtained by visiting the BUSTR web site at http://www.com.ohio.gov/fire/ReleasePreventionInformation.aspx or by contacting the Testing and Registration Bureau at (877) 264-0023. In addition, a certified UST Installer must perform the closure-in-place, and an UST Inspector must be present during the closure-in-place.

If you have any questions, feel free to contact Steven Krichbaum at (614) 752-7938.

Sincerely,

William L. Hills
Chief – BUSTR
Division of State Fire Marshal
Ohio Department of Commerce

WH:anm

c: File
Mike C. Miller, BUSTR Inspector
Drue Roberts, Corrective Actions Coordinator
Martha Fullemann, Testing & Registration

Department of Commerce
Division of State Fire Marshal
John R. Kasich, Governor
David Goodman, Director

July 24, 2012

TOM LOWRY
DELTECH POLYMERS CORP.
1250 S UNION ST
TROY, OHIO 45373

SITE: DELTECH POLYMERS CORP.
1250 S UNION ST
TROY OH
MIAMI COUNTY
RELEASE #55000232-N00003

RE: CLOSURE ASSESSMENT REPORT NOT RECEIVED

Dear Mr. Lowry:

The Bureau of Underground Storage Tank Regulations (BUSTR) was notified on Complaint Date that the underground storage tank system(s) at this site has been out-of-service for more than 12 months.

You have been identified as the owner or operator of the underground storage tank system(s) at this site and therefore are required to complete a UST Closure Assessment report. The owner and operator are both responsible for filing this report. Your closure assessment was due on October 01, 2003. To date, BUSTR has not received this Closure Assessment report and as a result you are out of compliance with the Ohio Administrative Code section 1301:7-9-12(I), effective July 1, 2012. Please provide this report to BUSTR and/or contact me at (614)728-4588.

Nothing in this letter shall be construed as waiving or compromising in any way the applicability of enforcement of any other statutes or regulations applicable to ownership or operation of the UST facility. In addition, nothing contained herein shall be construed to prevent the State Fire Marshal from exercising its lawful authority to require any responsible parties to perform activities pursuant to Ohio Revised Code §3737 or any other applicable law in the future. The State Fire Marshal reserves all rights and privileges. If an enforcement action is brought, pursuant to Ohio Revised Code §3737.882, the State Fire Marshal is vested with the authority to issue citations and orders, assess civil penalties (of up to $10,000 per day per violation), or to request the Attorney General to bring a civil action against any responsible party that is found to be in violation with the rules adopted by the State Fire Marshal.

Please note that the closure assessment report must be filed with BUSTR even if a copy of the report has already been sent to the Petroleum Underground Storage Tank Release Compensation Board, the Ohio Environmental Protection Agency, or your local fire department.

Thank you for your cooperation. If you have any questions, please contact me at (614)728-4588.

Sincerely,

Drue Roberts
Environmental Specialist

xc: Site File
CC List

Bureau of Underground Storage Tank Regulations
8895 East Main Street
Reynoldsburg, OH 43068 U.S.A.

614 | 752 7938
Fax 614 | 752 7942
TTY/TDD 800 | 750 0750
www.com.ohio.gov

Roberts, Drue 5500023 2 -UO0003

From: Tim Greetis <tgreetis@kilbaneenv.com>
Sent: Wednesday, March 13, 2013 4:36 PM
To: Roberts, Drue
Cc: Tom Lowry; Tom Kilbane
Subject: Deltech Polymers Corp., Troy Ohio - UST Closure
Attachments: J21462-1 UDS Level 2 Report Final Report (3).pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Mr. Roberts –

As we agreed, attached is the laboratory analytical data for the verification soil sampling completed at the Deltech Polymer facility in Troy, Ohio. These soil samples were collected from borings within approximately 1-foot of the previous borings and at the same depth as previous borings.

If you have any questions, please call us.

Timothy A. Greetis
Environmental Manager

KILBANE ENVIRONMENTAL, INC.
11554 Lebanon Road
Cincinnati, Ohio 45241
(513) 874-6650, Ext. 208
www.kilbaneenv.com

55000232 -N00003

State of Ohio—Department of Commerce

Division of State Fire Marshal—Bureau of Testing & Registration
P.O. Box 529, Reynoldsburg, Ohio 43068
Phone (614) 752-7126 Fax (614) 995-4206
TTY/TDD 800-750-0750 www.com.ohio.gov

RECEIVED
DEC 02 2019
TESTING & REGISTRATION
STATE FIRE MARSHAL

BUSTR Installation Field Inspection Report
(For Installation, Modification and Major Repair Activity)

☐ Preliminary ☒ Final	Owner # 55000232	Facility #: 55000232	Permit #: 5	Permit Date: 10/22/19

Owner/Operator Name: Deltech Polymers Corp.	Facility Name: Deltech Polymers Corp
Address: 1250 S. Union St.	Address: 1250 S. Union St.
City/State/Zip: Troy, Ohio 45373	City/State/Zip: Troy, Ohio 45373

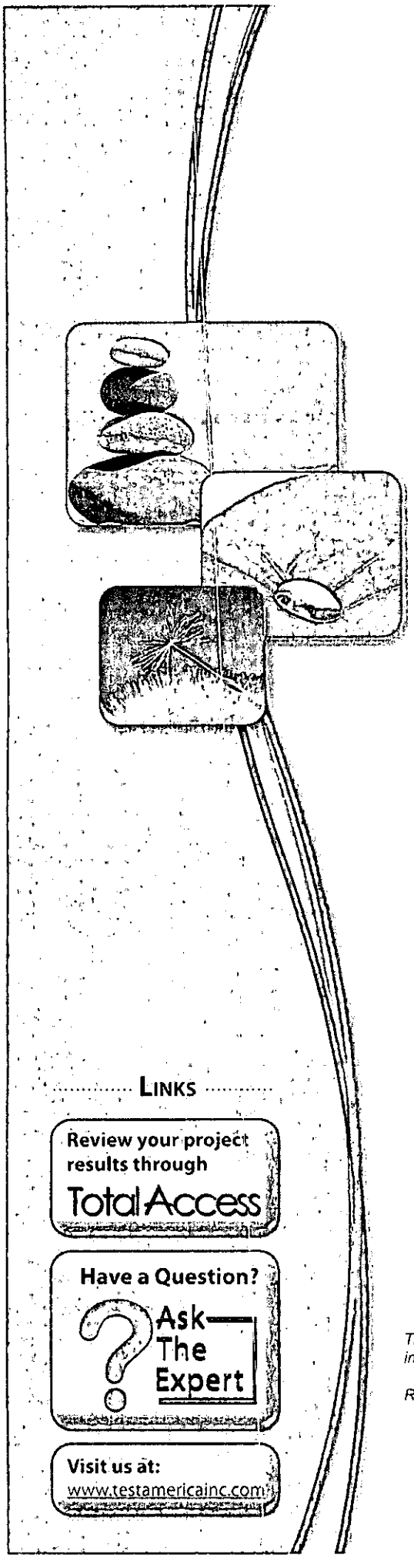
Tank ID Number (Must match System Information Form if applicable)	# 9	# 11	#	#	#	#
Tank Cavity Number	1	1				
Tank Capacity	30000	30000				
Tank Contents	Styrene	Styrene				
☐ Installation of UST (Check or Circle all that Apply)	#	#	#	#	#	#
Pre-installation Test (aboveground)	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
Excavation Inspection	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
Backfilling the UST to 5 & 7 o'clock position	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
Spill Prevention (Buckets)	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
Overfill Prevention	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
In-ground Piping/Ancillary Equipment Test	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
☐ Modification ☐ Major Repair of UST*	#	#	#	#	#	#
Purging Inspection (LEL below 10%)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
Pre-cutting and Entry Inspection (LEL below 10%)	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
☐ Modification ☐ Major Repair of ☐ Piping ☐ Other Component (describe work in Remarks)*	#	#	#	#	#	#
In-ground Test prior to backfilling	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
All Inspections – Testing Results	# 9	# 11	#	#	#	#
Tank Top Containment Test (☐Not Applicable)	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
Dispenser Containment Test (☐Not Applicable)	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
Final Tightness Test ☒Tank (☐Not Applicable)	(Pass) Fail	(Pass) Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
Final Tightness Test ☐Piping (☒Not Applicable)	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail
Final Test of Release Detection (☒Not Applicable)	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail	Pass Fail

Remarks: Tanks had been entered & internally cleaned
Final test of Tanks # 9 & 11 PASSED

* A Removal Inspection Field Report must also be completed if USTs or piping are removed.

Certified Installer Name (printed): DALE RAPP		Certified Inspector Name (printed): Doug Parks	
Certified Installer Signature: Dale Rapp		Certified Inspector Signature: Doug Parks	
Certified Installer #: 63-12-8007	Date: 11/9/19	Certified Inspector # 64-5707	Date: 11/9/19 Hrs. on Site:

Distribution: White – Agency Copy Canary – Owner Copy Pink – Inspector Copy



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-21462-1
Client Project/Site: Kilbane Env. Projects

For:
Kilbane Environmental
9341 Seward Road
Cincinnati, Ohio 45014

Attn: Tom Kilbane

Brian O'Donnell

Authorized for release by:
3/12/2013 2:46:11 PM

Brian O'Donnell
Customer Service Manager
brian.odonnell@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Definitions/Glossary

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method Summary

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
Moisture	Percent Moisture	EPA	TAL NC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-21462-1	B1 0-4	Solid	02/26/13 08:25	02/27/13 09:20
240-21462-2	B1 15-16	Solid	02/26/13 08:50	02/27/13 09:20
240-21462-3	B2 8-12	Solid	02/26/13 09:15	02/27/13 09:20
240-21462-4	B3 16-20	Solid	02/26/13 10:05	02/27/13 09:20
240-21462-5	B4 0-4	Solid	02/26/13 10:15	02/27/13 09:20
240-21462-6	B4 12-16	Solid	02/26/13 10:35	02/27/13 09:20

Detection Summary

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Client Sample ID: B1 0-4 — Lab Sample ID: 240-21462-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	124000		6330		ug/Kg	25	☼	8260B	Total/NA

Client Sample ID: B1 15-16 — Lab Sample ID: 240-21462-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	307000		12200		ug/Kg	50	☼	8260B	Total/NA
Styrene	144000		12200		ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: B2 8-12 — Lab Sample ID: 240-21462-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	264000		12700		ug/Kg	50	☼	8260B	Total/NA
Styrene	221000		12700		ug/Kg	50	☼	8260B	Total/NA
Toluene	13000		12700		ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: B3 16-20 — Lab Sample ID: 240-21462-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1140000		269000		ug/Kg	1000	☼	8260B	Total/NA
Styrene	454000		269000		ug/Kg	1000	☼	8260B	Total/NA
Toluene	347000		269000		ug/Kg	1000	☼	8260B	Total/NA

Client Sample ID: B4 0-4 — Lab Sample ID: 240-21462-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	525000		26600		ug/Kg	100	☼	8260B	Total/NA

Client Sample ID: B4 12-16 — Lab Sample ID: 240-21462-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	50000		8170		ug/Kg	33.333	☼	8260B	Total/NA
Styrene	120000		8170		ug/Kg	33.333	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Client Sample ID: B1 0-4
Date Collected: 02/26/13 08:25
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-1
Matrix: Solid
Percent Solids: 95.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25300		25300		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Benzene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Dichlorobromomethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Bromoform	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Bromomethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
2-Butanone (MEK)	<25300		25300		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Carbon disulfide	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Carbon tetrachloride	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Chlorobenzene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Chloroethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Chloroform	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Chloromethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,1-Dichloroethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,2-Dichloroethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,1-Dichloroethene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,2-Dichloropropane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
cis-1,3-Dichloropropene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
trans-1,3-Dichloropropene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Ethylbenzene	**124000**		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
2-Hexanone	<25300		25300		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Methylene Chloride	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
4-Methyl-2-pentanone (MIBK)	<25300		25300		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Styrene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,1,2,2-Tetrachloroethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Tetrachloroethene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Toluene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Trichloroethene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Vinyl chloride	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Xylenes, Total	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,1,1-Trichloroethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,1,2-Trichloroethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Cyclohexane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,2-Dibromo-3-Chloropropane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Ethylene Dibromide	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Dichlorodifluoromethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
cis-1,2-Dichloroethene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
trans-1,2-Dichloroethene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Isopropylbenzene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Methyl acetate	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Methyl tert-butyl ether	<25300		25300		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,1,2-Trichloro-1,2,2-trifluoroethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,2,4-Trichlorobenzene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,2-Dichlorobenzene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,3-Dichlorobenzene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
1,4-Dichlorobenzene	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Trichlorofluoromethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Chlorodibromomethane	<6330		6330		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25
Methylcyclohexane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 10:43	25

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Client Sample ID: B1 0-4
Date Collected: 02/26/13 08:25
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-1
Matrix: Solid
Percent Solids: 95.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	52		39 - 128	02/28/13 11:04	03/01/13 10:43	25
4-Bromofluorobenzene (Surr)	35		26 - 141	02/28/13 11:04	03/01/13 10:43	25
Toluene-d8 (Surr)	56		33 - 134	02/28/13 11:04	03/01/13 10:43	25
Dibromofluoromethane (Surr)	45		30 - 122	02/28/13 11:04	03/01/13 10:43	25

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Client Sample ID: B1 15-16
Date Collected: 02/26/13 08:50
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-2
Matrix: Solid
Percent Solids: 95.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<48900		48900		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Benzene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Dichlorobromomethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Bromoform	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Bromomethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
2-Butanone (MEK)	<48900		48900		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Carbon disulfide	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Carbon tetrachloride	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Chlorobenzene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Chloroethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Chloroform	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Chloromethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,1-Dichloroethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,2-Dichloroethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,1-Dichloroethene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,2-Dichloropropane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
cis-1,3-Dichloropropene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
trans-1,3-Dichloropropene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Ethylbenzene	**307000**		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
2-Hexanone	<48900		48900		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Methylene Chloride	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
4-Methyl-2-pentanone (MIBK)	<48900		48900		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Styrene	**144000**		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,1,2,2-Tetrachloroethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Tetrachloroethene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Toluene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Trichloroethene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Vinyl chloride	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Xylenes, Total	<24500		24500		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,1,1-Trichloroethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,1,2-Trichloroethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Cyclohexane	<24500		24500		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,2-Dibromo-3-Chloropropane	<24500		24500		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Ethylene Dibromide	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Dichlorodifluoromethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
cis-1,2-Dichloroethene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
trans-1,2-Dichloroethene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Isopropylbenzene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Methyl acetate	<24500		24500		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Methyl tert-butyl ether	<48900		48900		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,1,2-Trichloro-1,2,2-trifluoroethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,2,4-Trichlorobenzene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,2-Dichlorobenzene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,3-Dichlorobenzene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
1,4-Dichlorobenzene	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Trichlorofluoromethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Chlorodibromomethane	<12200		12200		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50
Methylcyclohexane	<24500		24500		ug/Kg	☼	02/28/13 11:04	03/04/13 15:29	50

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Client Sample ID: B1 15-16
Date Collected: 02/26/13 08:50
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-2
Matrix: Solid
Percent Solids: 95.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	0	X	39 - 128	02/28/13 11:04	03/04/13 15:29	50
4-Bromofluorobenzene (Surr)	0	X	26 - 141	02/28/13 11:04	03/04/13 15:29	50
Toluene-d8 (Surr)	0	X	33 - 134	02/28/13 11:04	03/04/13 15:29	50
Dibromofluoromethane (Surr)	0	X	30 - 122	02/28/13 11:04	03/04/13 15:29	50

Client Sample ID: B2 8-12
Date Collected: 02/26/13 09:15
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-3
Matrix: Solid
Percent Solids: 95.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<51000		51000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Benzene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Dichlorobromomethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Bromoform	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Bromomethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
2-Butanone (MEK)	<51000		51000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Carbon disulfide	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Carbon tetrachloride	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Chlorobenzene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Chloroethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Chloroform	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Chloromethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,1-Dichloroethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,2-Dichloroethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,1-Dichloroethene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,2-Dichloropropane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
cis-1,3-Dichloropropene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
trans-1,3-Dichloropropene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Ethylbenzene	**264000**		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
2-Hexanone	<51000		51000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Methylene Chloride	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
4-Methyl-2-pentanone (MIBK)	<51000		51000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Styrene	**221000**		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,1,2,2-Tetrachloroethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Tetrachloroethene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Toluene	**13000**		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Trichloroethene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Vinyl chloride	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Xylenes, Total	<25500		25500		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,1,1-Trichloroethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,1,2-Trichloroethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Cyclohexane	<25500		25500		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,2-Dibromo-3-Chloropropane	<25500		25500		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Ethylene Dibromide	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Dichlorodifluoromethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
cis-1,2-Dichloroethene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
trans-1,2-Dichloroethene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Isopropylbenzene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Methyl acetate	<25500		25500		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Methyl tert-butyl ether	<51000		51000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,1,2-Trichloro-1,2,2-trifluoroethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,2,4-Trichlorobenzene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,2-Dichlorobenzene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,3-Dichlorobenzene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
1,4-Dichlorobenzene	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Trichlorofluoromethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Chlorodibromomethane	<12700		12700		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50
Methylcyclohexane	<25500		25500		ug/Kg	☼	02/28/13 11:04	03/01/13 11:25	50

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Client Sample ID: B2 8-12
Date Collected: 02/26/13 09:15
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-3
Matrix: Solid
Percent Solids: 95.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	0	X	39 - 128	02/28/13 11:04	03/01/13 11:25	50
4-Bromofluorobenzene (Surr)	0	X	26 - 141	02/28/13 11:04	03/01/13 11:25	50
Toluene-d8 (Surr)	0	X	33 - 134	02/28/13 11:04	03/01/13 11:25	50
Dibromofluoromethane (Surr)	0	X	30 - 122	02/28/13 11:04	03/01/13 11:25	50

Client Sample ID: B3 16-20
Date Collected: 02/26/13 10:05
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-4
Matrix: Solid
Percent Solids: 91.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1080000		1080000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Benzene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Dichlorobromomethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Bromoform	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Bromomethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
2-Butanone (MEK)	<1080000		1080000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Carbon disulfide	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Carbon tetrachloride	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Chlorobenzene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Chloroethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Chloroform	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Chloromethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,1-Dichloroethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,2-Dichloroethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,1-Dichloroethene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,2-Dichloropropane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
cis-1,3-Dichloropropene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
trans-1,3-Dichloropropene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Ethylbenzene	**1140000**		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
2-Hexanone	<1080000		1080000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Methylene Chloride	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
4-Methyl-2-pentanone (MIBK)	<1080000		1080000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Styrene	**4540000**		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,1,2,2-Tetrachloroethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Tetrachloroethene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Toluene	**347000**		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Trichloroethene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Vinyl chloride	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Xylenes, Total	<538000		538000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,1,1-Trichloroethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,1,2-Trichloroethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Cyclohexane	<538000		538000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,2-Dibromo-3-Chloropropane	<538000		538000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Ethylene Dibromide	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Dichlorodifluoromethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
cis-1,2-Dichloroethene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
trans-1,2-Dichloroethene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Isopropylbenzene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Methyl acetate	<538000		538000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Methyl tert-butyl ether	<1080000		1080000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,2,4-Trichlorobenzene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,2-Dichlorobenzene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,3-Dichlorobenzene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
1,4-Dichlorobenzene	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Trichlorofluoromethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Chlorodibromomethane	<269000		269000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000
Methylcyclohexane	<538000		538000		ug/Kg	☼	02/28/13 11:04	03/01/13 11:46	1000

Client Sample Results

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Client Sample ID: B3 16-20
Date Collected: 02/26/13 10:05
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-4
Matrix: Solid
Percent Solids: 91.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	0	X	39 - 128	02/28/13 11:04	03/01/13 11:46	1000
4-Bromofluorobenzene (Surr)	0	X	26 - 141	02/28/13 11:04	03/01/13 11:46	1000
Toluene-d8 (Surr)	0	X	33 - 134	02/28/13 11:04	03/01/13 11:46	1000
Dibromofluoromethane (Surr)	0	X	30 - 122	02/28/13 11:04	03/01/13 11:46	1000

Client Sample ID: B4 0-4
Date Collected: 02/26/13 10:15
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-5
Matrix: Solid
Percent Solids: 89.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<106000		106000		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Benzene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Dichlorobromomethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Bromoform	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Bromomethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
2-Butanone (MEK)	<106000		106000		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Carbon disulfide	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Carbon tetrachloride	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Chlorobenzene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Chloroethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Chloroform	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Chloromethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,1-Dichloroethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,2-Dichloroethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,1-Dichloroethene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,2-Dichloropropane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
cis-1,3-Dichloropropene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
trans-1,3-Dichloropropene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Ethylbenzene	**525000**		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
2-Hexanone	<106000		106000		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Methylene Chloride	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
4-Methyl-2-pentanone (MIBK)	<106000		106000		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Styrene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,1,2,2-Tetrachloroethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Tetrachloroethene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Toluene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Trichloroethene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Vinyl chloride	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Xylenes, Total	<53100		53100		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,1,1-Trichloroethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,1,2-Trichloroethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Cyclohexane	<53100		53100		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,2-Dibromo-3-Chloropropane	<53100		53100		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Ethylene Dibromide	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Dichlorodifluoromethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
cis-1,2-Dichloroethene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
trans-1,2-Dichloroethene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Isopropylbenzene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Methyl acetate	<53100		53100		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Methyl tert-butyl ether	<106000		106000		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,1,2-Trichloro-1,2,2-trifluoroethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,2,4-Trichlorobenzene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,2-Dichlorobenzene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,3-Dichlorobenzene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
1,4-Dichlorobenzene	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Trichlorofluoromethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Chlorodibromomethane	<26600		26600		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100
Methylcyclohexane	<53100		53100		ug/Kg	☼	02/28/13 11:04	03/01/13 12:08	100

Client Sample Results

Client: Kilbane Environmental
Project/Site: Kilbane Env. Projects

TestAmerica Job ID: 240-21462-1

Client Sample ID: B4 0-4
Date Collected: 02/26/13 10:15
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-5
Matrix: Solid
Percent Solids: 89.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	0	X	39 - 128	02/28/13 11:04	03/01/13 12:08	100
4-Bromofluorobenzene (Surr)	0	X	26 - 141	02/28/13 11:04	03/01/13 12:08	100
Toluene-d8 (Surr)	0	X	33 - 134	02/28/13 11:04	03/01/13 12:08	100
Dibromofluoromethane (Surr)	0	X	30 - 122	02/28/13 11:04	03/01/13 12:08	100

Client Sample ID: B4 12-16
Date Collected: 02/26/13 10:35
Date Received: 02/27/13 09:20

Lab Sample ID: 240-21462-6
Matrix: Solid
Percent Solids: 95.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<32700		32700		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Benzene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Dichlorobromomethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Bromoform	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Bromomethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
2-Butanone (MEK)	<32700		32700		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Carbon disulfide	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Carbon tetrachloride	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Chlorobenzene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Chloroethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Chloroform	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Chloromethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,1-Dichloroethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,2-Dichloroethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,1-Dichloroethene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,2-Dichloropropane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
cis-1,3-Dichloropropene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
trans-1,3-Dichloropropene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Ethylbenzene	**50000**		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
2-Hexanone	<32700		32700		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Methylene Chloride	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
4-Methyl-2-pentanone (MIBK)	<32700		32700		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Styrene	**120000**		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,1,2,2-Tetrachloroethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Tetrachloroethene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Toluene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Trichloroethene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Vinyl chloride	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Xylenes, Total	<16300		16300		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,1,1-Trichloroethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,1,2-Trichloroethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Cyclohexane	<16300		16300		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,2-Dibromo-3-Chloropropane	<16300		16300		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Ethylene Dibromide	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Dichlorodifluoromethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
cis-1,2-Dichloroethene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
trans-1,2-Dichloroethene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Isopropylbenzene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Methyl acetate	<16300		16300		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Methyl tert-butyl ether	<32700		32700		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,1,2-Trichloro-1,2,2-trifluoroethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,2,4-Trichlorobenzene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,2-Dichlorobenzene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,3-Dichlorobenzene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
1,4-Dichlorobenzene	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Trichlorofluoromethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Chlorodibromomethane	<8170		8170		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333
Methylcyclohexane	<16300		16300		ug/Kg	☼	02/28/13 11:04	03/04/13 15:08	33.333

TestAmerica Canton Sample Receipt Form/Narrative Login # : 21402

Client Kilbane Environmental Site Name _____ By: Mark W. Green (Signature)

Cooler Received on 2-27-13 Opened on 2-27-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF -2 °C) Observed Sample Temp. _____ °C	Corrected Sample Temp. _____ °C		
IR GUN# 4G	(CF 0 °C) Observed Sample Temp. 3.8 °C	Corrected Sample Temp. 3.8 °C	☐ Multiple on Back	
IR GUN# 5G	(CF 0 °C) Observed Sample Temp. _____ °C	Corrected Sample Temp. _____ °C		
IR GUN# 8	(CF 0 °C) Observed Sample Temp. _____ °C	Corrected Sample Temp. _____ °C		

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were custody seals on the bottle(s)?	Yes	No
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Did all bottles arrive in good condition (Unbroken)?	Yes	No
7. Could all bottle labels be reconciled with the COC?	Yes	No
8. Were correct bottle(s) used for the test(s) indicated?	Yes	No
9. Sufficient quantity received to perform indicated analyses?	Yes	No
10. Were sample(s) at the correct pH upon receipt?	Yes	No NA
11. Were VOAs on the COC?	Yes	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	No NA
13. Was a trip blank present in the cooler(s)?	Yes	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) ____________________ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide Lot# 121809-NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? ____________

Client ID	pH	Date	Initials

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant

SOP: NC-SC-0005, Sample Receiving
C:\Users\livengoodc\AppData\Local\Microsoft\Windows\Temporary Internet Files\OLKD16\COOLER_TestAmerica_Rev 88_110712 rls.doc

12

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street
Reynoldsburg, OH 43068
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Release No. 55000232-N3

This file is being to be imaged for the following reason:

- [ ] Incident from non-regulated UST – LTF 2
- [ ] Incident from AST – LTF 3
- [ ] Non-storage tank petroleum release – LTF 4
- [ ] Petroleum incident not from spill/overfill/release – LTF 5
- [ ] A RP for the release has not yet been determined – Class A
- [ ] The result of the RP Search was inconclusive – Class B
- [ ] The RP is non-viable – Class C
- [ ] A viable RP has been identified – Class D
- [x] Other: LTF 7 - Haz Substances

DRUE E. Roberts
Print Name

Signature

3/28/13
Date

Attachment B

Ohio Department of Commerce

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations
8895 E. Main St., P.O. Box 687 • Reynoldsburg, OH 43068-0687
(614) 752-7938 • FAX (614) 752-7942

Donna Owens, Director

OCT 17 1994

Mr. Stephen T. Small
Deltech Polymers Corporation
1250 South Union Street
Troy, OH 45373

RE: Deltech Polymers Corp.
1250 South Union Street
Troy, Ohio
Miami County
Incident #5530368-00

Dear Mr. Small,

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your letter dated September 1, 1994. You requested a determination if BUSTR regulated two 500 gallon underground storage tanks (USTs) containing "Therminol".

Therminol is a polychlorinated biphenyls (PCBs) with a Chemical Abstract Service (CAS) number of CAS 1336-36-3. The BUSTR does not regulate USTs containing PCBs.

The Ohio EPA should be contacted concerning any activities with these tanks.

Thank you, if you have any questions please call me at (614) 752-7938.

Sincerely,

Thomas Bell
Environmental Specialist

TB:ag

cc: File #5530368-00
Ohio EPA, Southwest District Office
Chief Robert Counts, Troy Fire Dept.
Mr. Lowell H. Domigan, Miami County Health Dept.

	CONCURRENCES						MAILED
INITIAL							
DATE							10-17-94

SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 5 5 3 0 3 6 8 - 0 0 - _ _ _ _   UPDATE.001 REV 8/89

FACILITY NAME: Del Tech Polymers Corp   NEW FACILITY INFO? ___ YES ___ NO (Update on back)

[1] REASON FOR LISTING UPDATE

✓ [1] Written report/results received from owner/operator.
___ [2] Verbal report/results received from owner/operator.
___ [3] Written report received from BUSTR contractor.
___ [4] Information collected from BUSTR field examination/inspection.
___ [5] Change in site coordinator/contractor assignment.
___ [6] Change/delete existing incident number - explain change in remarks section [5].
___ [7] Create new incident number for additional suspected facility/location.
✓ [8] Orders issued.
✓ [9] Other: Change from LTF 2 to LTF 9.

[2] NEW SITE LISTING DATA

INCIDENT #: _ _ _ _ _ _ _ - _ _ - _ _ _ _
REPORT NUMBER   FAC TRKG#   SPRC

EMERGENCY RESPONSE: ___ YES ___ NO   BY: ___ FM (__________) ___ OEPA ___ USEPA

STATUS: ___ SPT ___ SGS ___ DIS ___ CON ___ ICA ___ ICR ___ ICC ___ SAS ___ SAC ___ CAS ___ CAP ___ NFA

PRIORITY: ___ 1* ✓ 2

CLASSIFICATION: ___ A ___ B ___ C ✓ D   LTF ELIGIBILITY: (CIRCLE) 1 2 6 9 OTHER

SITE COORDINATOR: ________ ________

*** [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)**
(First sentence - why is it a 1? Second sentence - who is doing what at this time)

[4] NEW EXCEPTION REPORT DATA

___ [1] State plans to obligate over $100,000 at a site.
___ [2] State actually obligated over $100,000 at a site (cumulative expenses exceeded $100,000 this quarter).
___ [3] State plans to use innovative or experimental technology at the site.
___ [4] State plans to provide permanent alternative drinking water supply.
___ [5] State plans to permanently relocate residents.
___ [6] State reached/received cost recovery settlement; amount: ________

[5] SITE MANAGEMENT REMARKS
(BUSTR actions needed/taken, reports expected, etc.)

Tanks are flow-thru tanks used in processing. Tanks contained "therminol" a PCB-containing heat-transfer oil.

[6] FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT
(For use by supervisor)

UPDATE SUBMITTED BY: Thomas Bell   DATE: 09/21/94

APPROVED: [signature]   DATE: 9/22/94   ENTRY: [signature]   DATE: OCT 5 1994

DELTECH POLYMERS
CORPORATION

STATE FIRE MARSHAL
RECEIVED
SEP 13 1994
PROGRAM
MGMT.
BUSTR

September [illegible] 1994

[illegible] Storage Tank Regulation
PO Box 687
Reynoldsburg, OH 43068

Attn: Bev

RE: Request for abandonment in place

Deltech Polymers Corporation purchased the Troy, Ohio, Polystyrene Plant at Sheriff's sale in March, 1991. This site had been operated by the now defunct Goodson Polymers. It has come to our attention that two 500 gallon underground Therminol storage tanks were emptied, cleaned, filled with concrete and process piping removed by Goodson Polymers in 1988. However, a formal closure procedure was never accomplished.

Deltech Polymers Corporation wishes to formally close these tanks. Because these tanks are located underneath existing operation equipment, removal or drilling for samples cannot be accomplished. See the attached Figure 1 (Process Area Plot Plan) to see location of tanks in relationship to operational equipment. We wish to close the tanks in place. Because the tanks are small and only have a two-inch nozzle connection, entry into the tanks is impossible.

As an alternate to the standard closure procedure, we propose using the onsite monitoring wells shown on attached Figure 2 (Plant Plot Plan with Monitoring Well Locations) to monitor for contamination and need for corrective action.

Please review this proposal and respond to its acceptability.

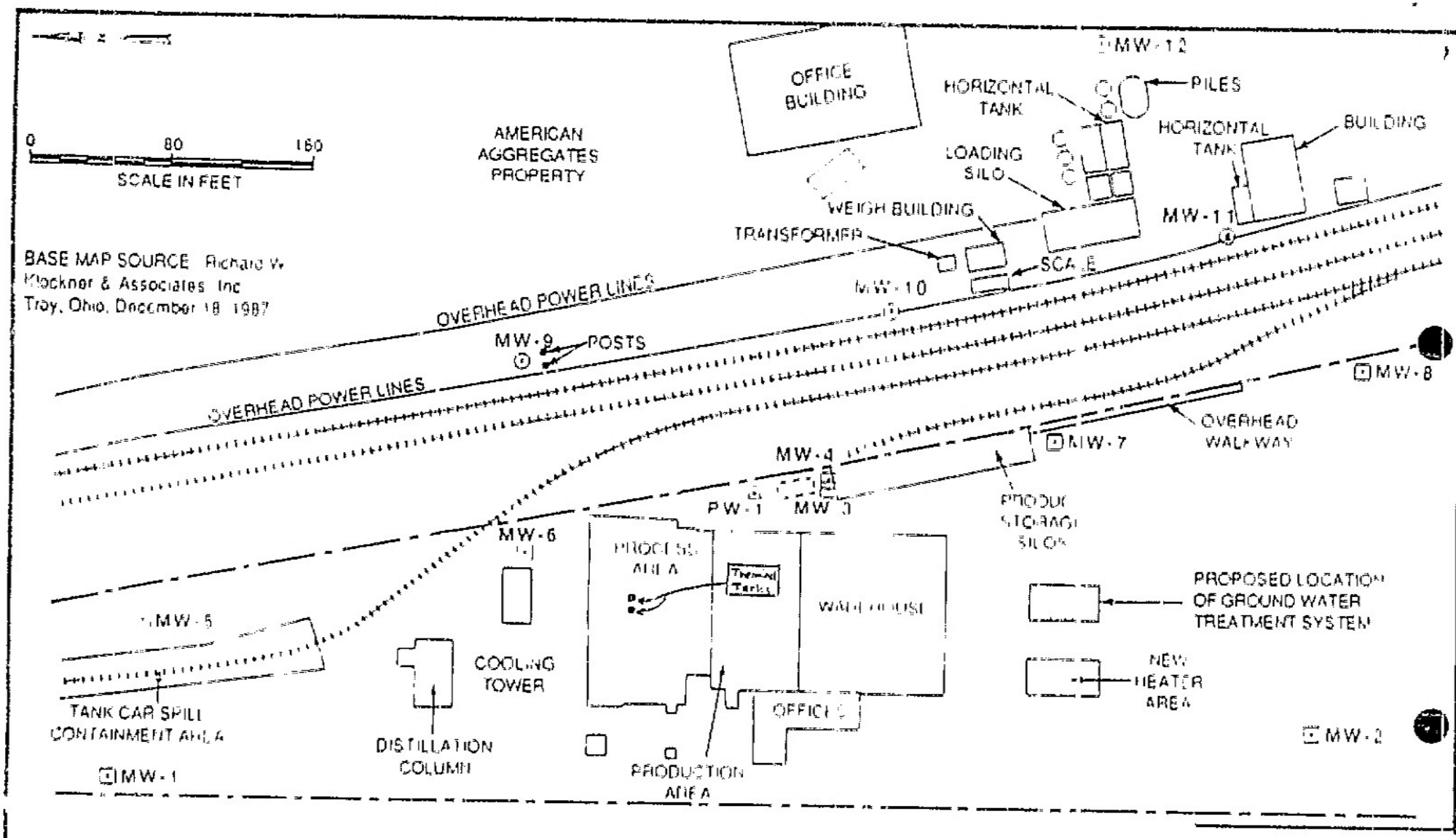
Thank you

Sincerely,

Stephen T. Small
Plant Manager

Enclosures

FIGURE 2: PLANT PLOT PLAN WITH MONITORING WELL LOCATIONS



LEGEND

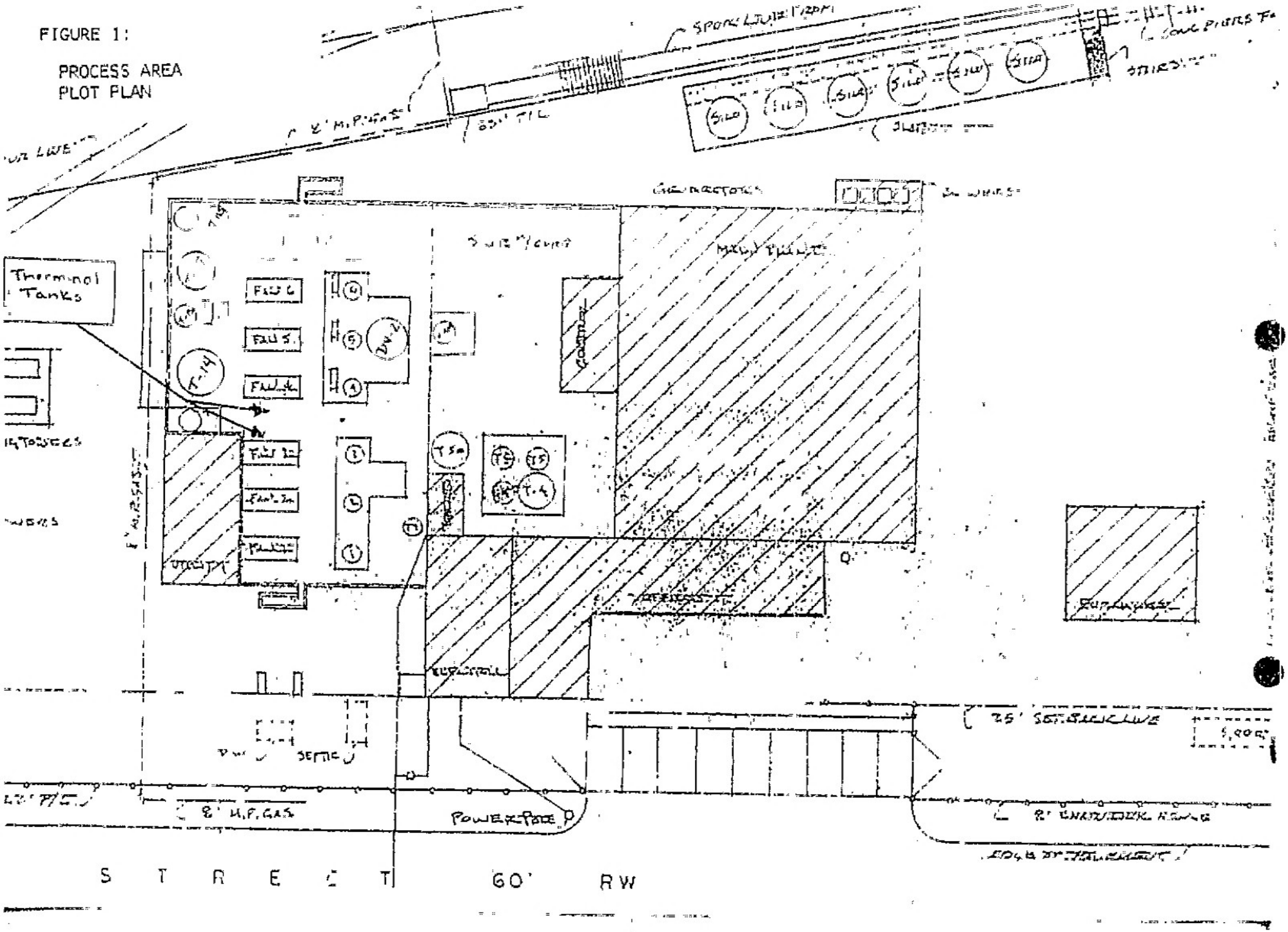
- PROPERTY BOUNDARY
- EXISTING MONITORING WELL LOCATION
- PROPOSED MONITORING WELL LOCATION
- PROPOSED PUMPING WELL LOCATION
- OVERHEAD POWER LINE
- BALTIMORE AND OHIO RAILROAD
- FORMER LOCATION OF UNDERGROUND STORAGE TANK

JOB NO. 16345-001-07

DAMES & MOORE

FIGURE 1:

PROCESS AREA
PLOT PLAN



TELEPHONE MEMORANDUM

REPORT #: 55303368 DATE: 3/4/93

TIME: 12:00

CALL TO [✓] FROM [ ]

NAME: Phil Harris TITLE: [illegible] PHONE 513 [illegible]

AGENCY/COMPANY: [illegible] RELATION TO SITE Government

ADDRESS: [illegible] CITY: Dayton ST: [illegible] ZIP: [illegible]

SUBJECT:

Deltech Polymer Corp.

NOTES & SUMMARY

Mr Harris informed me of the following about Deltech:

1) Deltech at one time was [illegible] Polymer [illegible]. [illegible] Deltech closed [illegible] than a sheriff: Deltech [illegible] against the property.

2) Mr Harris informed me that he had recently performed an inspection of the plant for RCRA requirements.

- He was not aware of the two [illegible] gallon UST, but [illegible] he did inform me of a [illegible] gallon UST [illegible] located S-SW of the main office entrance. This UST was recently emptied of Haz. waste and may be put back into service as a Haz. Sub. UST.

Mr. Harris wishes to be kept up to date on this site of any actions BUSTR takes with this site.

BUSTR STAFF MEMBER: CH CONTINUED ON BACK: ______ PAGES ATTACHED ______

TELEPHONE MEMORANDUM

REPORT #: 5530368

DATE: 3/15/93
TIME: 3:00

CALL TO [✓] FROM [ ]

NAME: [illegible] TITLE: Assistant Chief PHONE (513) 335-5678

AGENCY/COMPANY: Troy F.D. RELATION TO SITE F.D.

ADDRESS: 19 [illegible] CITY: Troy ST: OH ZIP: 453[illegible]

SUBJECT:

Daltech Polymers Corp

NOTES & SUMMARY

I called the Troy F.D. to ask what they might know about Daltech Polymers Corp.
[illegible] answered & told me of the following

1) 12/1/87 The FD responded to a Fire/explosion at the site. The product Thermanol was spilled on the surface. The product may contain PCB's.

2) In Jan or Feb 1988 Site Assessment work may have been performed at this site, M.W.'s may have been installed.

3) The area were the UST's are located is out in the open. The UST's are located below the reactors. The reactors are in a concrete pad.

4) Thermanol oil is used as a heat transfer oil in the reactor.

BUSTR STAFF MEMBER: [illegible] CONTINUED ON BACK: ______ PAGES ATTACHED ______

TELEPHONE MEMORANDUM

REPORT #: 55303168 DATE: 2/5/93

TIME: ___:___

CALL TO [✓] FROM [ ]

NAME: Stephen Saxall TITLE: Plant Manager PHONE (513) 339-3150

AGENCY/COMPANY: Deltech Polymers Corp. RELATION TO SITE: O/O

ADDRESS: 1250 S. Union St. CITY: Troy ST. Oh ZIP: 45373

SUBJECT: Alternate Closure Procedure

NOTES & SUMMARY

I asked Mr Saxall if he could supply our office with MSDS sheet's for the two UST's in questions.

- He stated that they could not find & obtain copies of the MSDS sheets.

I asked Mr Saxall if he could supply our office with information about the UST's in question (how they were utilized & operated).

- He stated that they were flow through tanks & that he had no blueprints or any other way to prove this Fact.

I then asked Mr Saxall if drilling through the concrete to obtain samples would be a problem.

- He stated that it would be a problem because of all the machinery in the building.

BUSTR STAFF MEMBER: CH. CONTINUED ON BACK: ___ PAGES ATTACHED ___

DELTECH POLYMERS CORPORATION

1250 SOUTH UNION STREET
TROY, OHIO 45373
(513) 339-3150
FAX (513) 339-7694

Reg file
Fin S 112
DUF 2-3-93

January 28, 1993

[illegible] Storage Tank Regulation
[illegible], Bureau Chief
[illegible]
[illegible]

[illegible] Deltech Polymers Corp.

[illegible] purchased the Troy, Ohio Polystyrene Plant [illegible] This site had been operated by [illegible] It has come to our attention [illegible] Therminol storage tanks were [illegible] removed by Cosden Polymers in [illegible] procedure was never accomplished.

[illegible] to formally close these tanks. [illegible] are located underneath existing operating [illegible] for samples cannot be accomplished. [illegible] Figure 1 (Process Area [illegible] Plant) to see location [illegible] to operational equipment. We wish to [illegible] place. Because the [illegible] are small and only [illegible] connection, entry into the tanks is [illegible].

[illegible] standard closure procedure, we propose using [illegible] as shown on Attached Figure 2 (Plant Plot [illegible] well locations) to monitor for contamination and [illegible] corrective action. Listed below is the proposed [illegible] we wish to implement for these tanks. [illegible] with the Troy Fire Department.

Procedure:

1. All flammable and organic material has been removed and tanks cleaned.

2. All process lines and equipment have been removed.

3. [illegible] tanks with concrete by pumping concrete slurry into the tank.

4. Cap piping from the tanks.

5. Document location and closure procedure and maintain these documents on file.

6. Annually sample and analyze monitoring wells for contamination.

5530368

Please review this proposal and respond to its acceptability. We plan no action until you provide us your input.

Stephen Small
Plant Manager

Troy Fire Dept.
Attn: Dick Zimmerman
19 East Race
Troy, OH 45373

FIGURE 1:

PROCESS AREA
PLOT PLAN

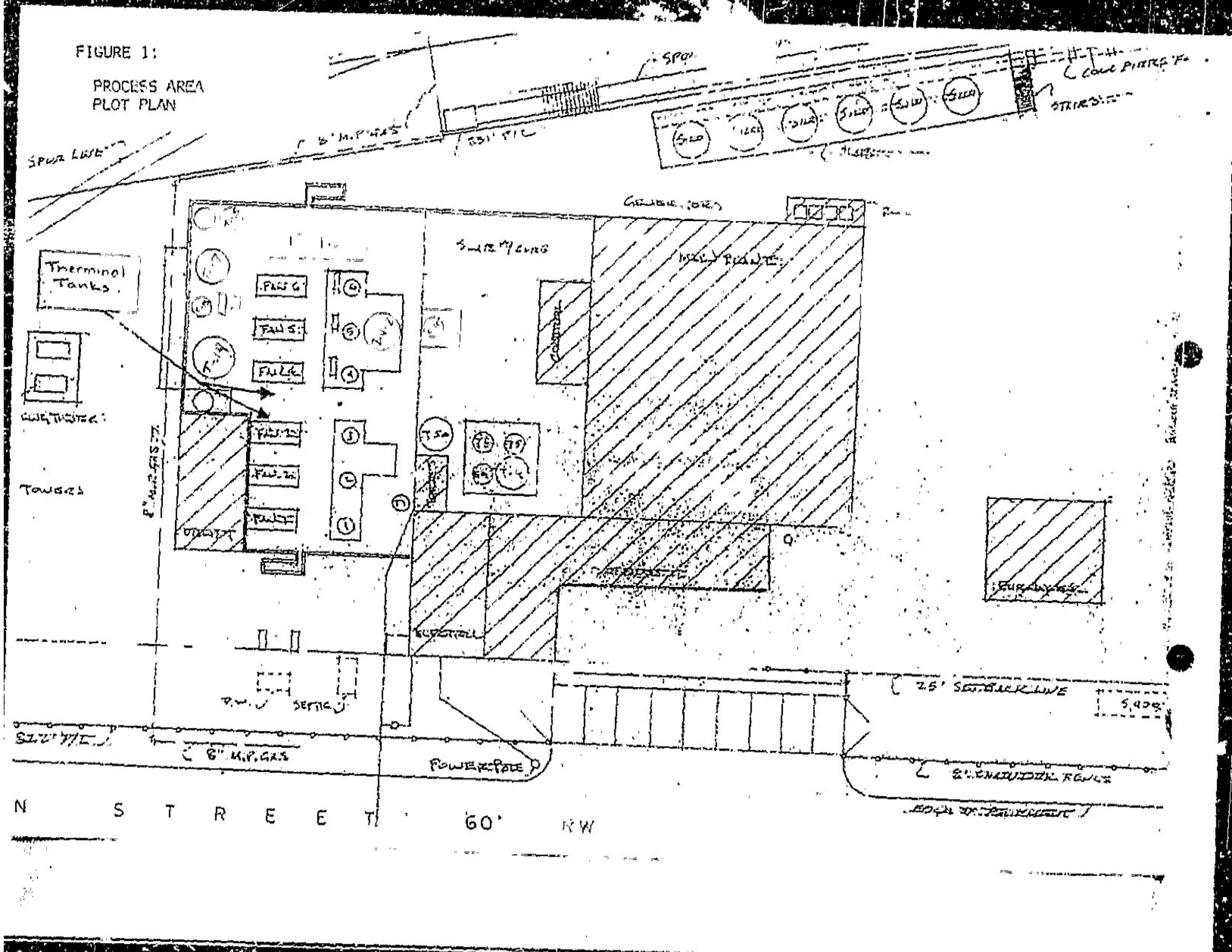
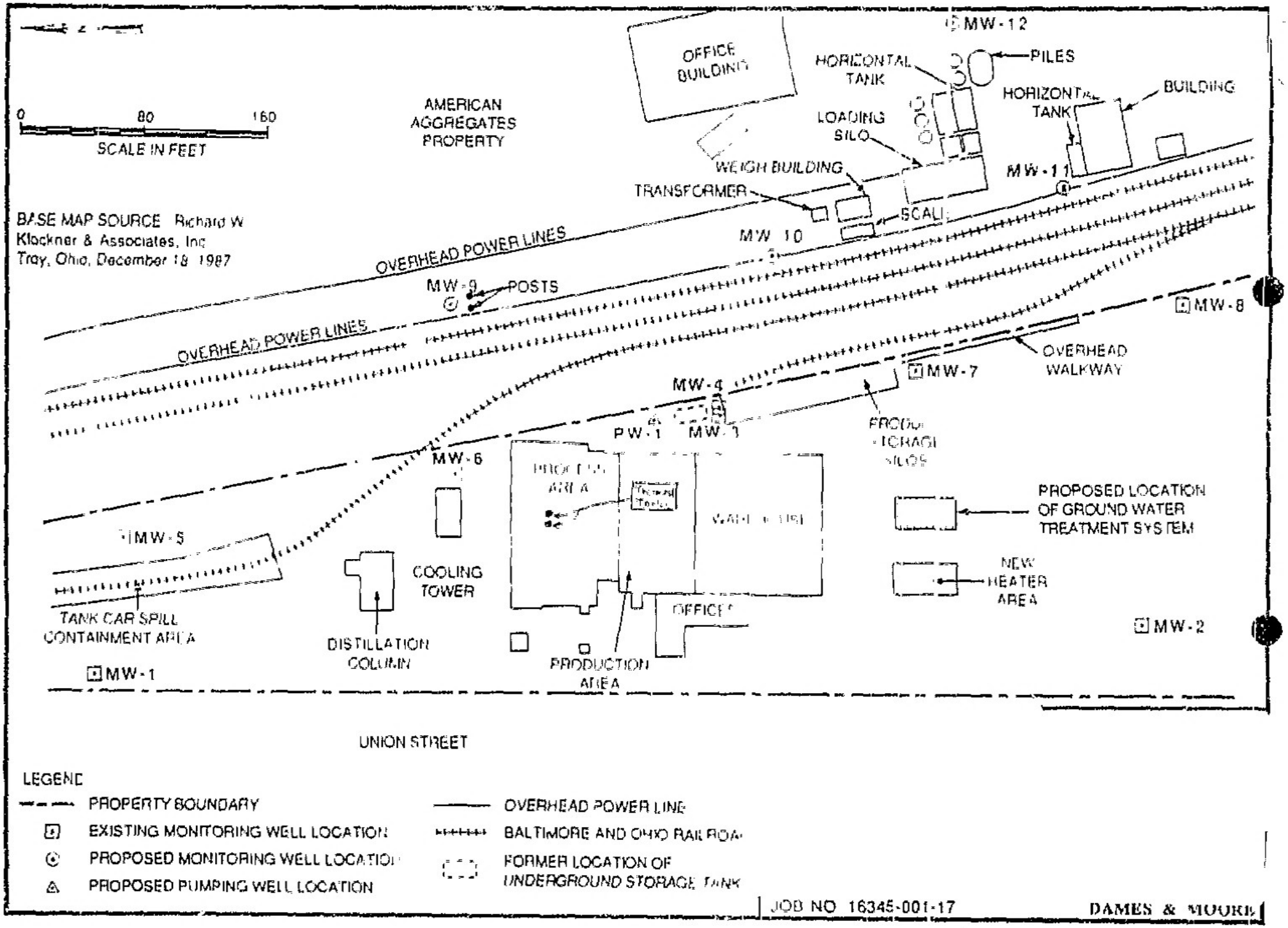


FIGURE 2: PLANT PLOT PLAN WITH MONITORING WELL LOCATIONS



JOB NO 16345-001-17

DAMES & MOORE

STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANKS
8895 EAST MAIN STREET
P.O. BOX 687
REYNOLDSBURG, OHIO 43068-0687

1992 ANNUAL RENEWAL TANK REGISTRATION RECAPITULATION FORM

PLEASE RETURN THIS FORM TO THE ABOVE ADDRESS, AND RETAIN A PHOTOCOPY FOR YOUR RECORDS.

[redacted]

#853

FACILITY NAME	# TANKS		FEE DUE
	6	x $25.00/TANK EQUALS	150.-
120		x $25.00/TANK EQUALS	
150		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
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		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	

TANK PAGE TOTAL 6 FEE PAGE TOTAL 150.-

TANK GRAND TOTAL 6 FEE GRAND TOTAL 150.-

DIVISION USE ONLY

204217

APPROVED BY: dv

DATE: 8/7/92

PETRO NO:

CHECK NO: 3917 4117

TRACKING NO:

ITEMS: 1

5530368

REGISTRATION FOR UNDERGROUND STORAGE TANKS	STATE USE ONLY
Bureau of Underground Storage Tanks 8895 East Main Street, P.O. Box 687 Reynoldsburg, Ohio 43068-0687	
REGISTRATION YEAR: 7/1/92 THROUGH 6/30/93	

Tank Registration

Tank registration is renewable each year. It is required by state law for all underground storage tanks that have been used to store regulated substances and which are currently in use or which were taken out of service after January 1, 1974, in a manner not in compliance with the state and local regulations that were in effect at the time the tanks were taken out of service. This annual registration is required by Ohio Revised Code §3737.88. It also satisfies the Federal Notification required by Section 9002 of the Resource Conservation and Recovery Act (RCRA), as amended.

Who Must Register?

1. Administrative Code Section 1301:7-9-04(B) requires that, unless exempted, owners of underground tanks that store regulated substances must register the tanks with the State Fire Marshal. Owner means:
   (a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and
   (b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.
2. Administrative Code Section 1301:7-9-04(D) requires that any person to whom ownership of any UST is transferred shall submit a transfer of UST registration application to the Fire Marshal for each location which is subject to the transfer. The transferor shall notify the transferee of this requirement at the time of the transfer.

Tank Registration Application Fee:

$25.00 per tank. Each tank registration application shall be accompanied by the fee made payable to "Treasurer State of Ohio" NOTE: Federal, State and political subdivisions are exempt from paying the fee but they must comply with all other requirements of the underground tank registration rule, including the completion of this form.

Where To Notify?

Mail registration application and fee to: Division of State Fire Marshal, Bureau of Underground Storage Tank Regulations, Registration Section, P.O. Box 687, Reynoldsburg, OH 43068-0687.

When To Register?

(1) Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but not in compliance with applicable state and local regulations must be registered. (2) Owners who bring underground storage tanks into use after November 8, 1990, must register them within 30 days of bringing them into operation.

When Can a Tank Registration Be Denied?

The State Fire Marshal shall deny a tank registration for any of the following reasons:

1. The application does not provide all the information indicated on the prescribed form.
2. The owner who is required to do so did not have the Certified Installer sign the oath below Section XI of the Tank Registration Application. The owner of a UST installed on or after November 8, 1990, must obtain the signature of the Certified Installer who was certified under Rule 1301:7-9-11 of the Administrative Code on the Tank Registration Application. The Certified Installer certifies that the installation of the UST system is in compliance with Rule 1301-7-9-06 and that all work listed in the manufacturer's installation checklist has been completed.
3. The owner did not submit the tank registration fee required.

Penalties

Any person who knowingly fails to register or submits false information may be subject to a civil penalty not to exceed $10,000.00 for each day the registration is late or for which false information is submitted. Any person who knowingly fails to register or submits false information may be subject to conviction of an unclassified felony with a maximum fine of $25,000.00 and maximum imprisonment of 14 months.

I. OWNERSHIP OF TANKS [redacted] 853	II. LOCATION OF TANKS [redacted] 550232
Deltech Polymers Corporation *1250 S. Union Street* *Troy, Ohio 45373*	*same as Ownership*

NUMBER OF TANKS *six (6)*

Incident #:
5530368

III TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Government	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☐	Tribe or Nation:
☐ State Government	☒ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☐ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Railroad	____ Commercial	____ Farm
____ Petroleum Distributor	____ Local Government	X Industrial	____ Residential
____ Air Taxi (Airline)	____ State Government	____ Contractor	____ Other (Explain)
____ Aircraft Owner	____ Federal-Non-Military	____ Trucking/Transport	_____
____ Auto Dealership	____ Federal-Military	____ Utilities	_____

VI CONTACT PERSON IN CHARGE OF TANKS

Name: L.C. Allmand Jr. Job Title: V.P. Development

Address: P.O. Drawer 83775 City/State/Zip: Baton Rouge, La. 70874

Phone (include area code): 504-358-3102

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with OAC 1301:7-9-05. ☐

Not tanks on lease

Petroleum UST Release Compensation Board

OWNER ID NUMBER: _____

CURRENT DEDUCTIBLE AMOUNT: _____

Mechanism Used to Cover Deductible Amount (Check All That Apply)

☐ Self Insured	☐ Guarantee & Standby Trust
☐ Insurance (Commercial)	☐ Surety Bond & Standby Trust
☐ Risk Retention Group	☐ Letter of Credit & Standby Trust
	☐ Trust Fund

PROVIDER'S NAME: _____

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name of Owner: _____ Official Title: _____
(MUST TYPE OR PRINT)

Signature: _____ Date: _____

OR

Authorized Representative: L.C. Allmand Jr. Official Title: V.P. Development
(MUST TYPE OR PRINT)

Signature: L.C. Allmand Jr. Date: July 28, 1992

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification Number	Tank No. [illegible]	Tank No. [illegible]	Tank No. [illegible]	Tank No. [illegible]	Tank No.
1. Status of Tank (mark only one)					
Currently in Use	IE	YES	YES	YES	
Temporarily Out of Use					
Permanently Out of Use					
Amendment of Information					
2. Date of Installation (mo/year)	1/69	1/35	1/76	6/32	
3. Estimated Total capacity (gallons)	30,000	30,000	20,000	5,000	
4. Material of Construction (mark all that apply)					
Asphalt Coated or Bare Steel	B.S.	B.S.	B.S.	B.S.	
Cathodically Protected Steel					
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled	YES	YES			
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other (please specify)					
has tank been repaired?					
5. Piping (Material) (Mark all that apply)					
Bare Steel	B.S.	B.S.	B.S.	B.S.	
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Other, please specify					

Tank Identification Number	Tank No 2-79	Tank No 2-11	Tank No 2-12	Tank No 2-46	Tank No
6. Piping (type) (mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank	YES	YES			
Pressure	YES	YES			
Gravity Feed	YES	YES			
Has piping been repaired*	NO	NO			
7. Substance Currently or Last Stored in Greatest Quantity by Volume					
Gasoline					
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other (please specify)	Styrene Monomer	Styrene Monomer	Styrene/ Ethylbenzene	Styrene Misc.	
Hazardous Substance					
CERCLA name and/or CAS Number					
CAS Number	100-45-2	100-45-2	100-45-2	100-41-4	
Mixture of Substances				YES	
(Please specify)					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
1. Closing of tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
2. Site Assessment Completed					
Evidence of a leak detected					

XI CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No T-9	Tank No T-11	Tank No T-12	Tank No P-66	Tank No
1. Installation					
A. Installer certified by tank & piping manufacturer					
B. Installer certified or licensed by the agency					
C. Installation inspected by a registered engineer	YES	YES			
D Installation inspected & approved by agency					
E. Manufacturer's installation checklists completed					
F. Another method allowed by state agency-specify					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X							
B. Tank tightness testing					X		X			
C. Inventory controls										
D. Automatic tank gauging	X		X							
E. Vapor monitoring										
F. Groundwater monitoring	X		X		X		X			
G Interstitial monitoring double walled tank/piping	X		X							
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by state agency-specify										

3. Spill and Overfill Protection					
A. Overfill device installed	YES	YES	YES	YES	
B. Spill device installed	YES	YES			

NEW TANK INSTALLATION ONLY

OATH: I certify the information concerning installation that is provided in Section XI is true to the best of my knowledge.

Installer Name: _____ Position: _____
(MUST TYPE OR PRINT)

Installer ID Number: _____ Certification Expiration Date: _____

Signature: _____ Date: _____

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification Number	Tank No. 1	Tank No.	Tank No. 2	Tank No.	Tank No.
1. Status of Tank (mark only one)	E. Therm		W. Therm		
Currently in Use					
Temporarily Out of Use					
Permanently Out of Use	Yes		Yes		
Amendment of Information					
2. Date of Installation (mo/year)	/1978		/1978		
3. Estimated Total capacity (gallons)	500		500		
4. Material of Construction (mark all that apply)					
Asphalt Coated or Bare Steel	B.S.		B.S.		
Cathodically Protected Steel					
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other (please specify)					
Has tank been repaired?					
5. Piping Material (Mark all that apply)					
Bare Steel	B.S.		B.S.		
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Other, please specify					

Tank Identification Number	Tank No 5	Tank No	Tank No 6	Tank No	Tank No
6. Piping (type) (mark all that apply)	E. Therm.		W. Therm		
Suction: no valve at tank					
Suction: valve at tank					
Pressure					
Gravity Feed					
Has piping been repaired?					
7. Substance Currently or Last Stored in Greatest Quantity by Volume					
Gasoline					
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other (please specify)	Terminal		Terminal		
Hazardous Substance					
CERCLA name and/or CAS Number					
CAS Number					
Mixture of Substances					
(Please specify)					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
1. Closing of Tank A. Estimated date last used (mo./day/year)	10/87		10/87		
B. Estimated date tank closed (mo./day/year)	1992		1992		
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
* Not yet completed					
F. Change in service					
2. Site Assessment Completed *Incomplete	Inc		Inc		
Evidence of a leak detected	NA		No		

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. 3	Tank No.	Tank No. 2	Tank No.	Tank No.
1. Installation	E. Therm		W. Therm		
A. Installer certified by tank & piping manufacturer	N/A		N/A		
B. Installer certified or licensed by the agency					
C. Installation inspected by a registered engineer					
D. Installation inspected & approved by agency					
E. Manufacturer's installation checklists completed					
F. Another method allowed by state agency-specify					
2. Release Detection (mark all that apply)	TANK / PIPING	TANK / PIPING	TANK / PIPING	TANK / PIPING	TANK / PIPING
A. Manual tank gauging					
B. Tank tightness testing					
C. Inventory controls					
D. Automatic tank gauging					
E. Vapor monitoring	X / X		X / X		
F. Groundwater monitoring					
G. Interstitial monitoring double walled tank/piping					
H. Interstitial monitoring/secondary containment					
I. Automatic line leak detectors					
J. Line tightness testing					
K. Other method allowed by state agency-specify					
3. Spill and Overfill Protection	N/A		N/A		
A. Overfill device installed					
B. Spill device installed					

NEW TANK INSTALLATION ONLY

OATH: I certify the information concerning installation that is provided in Section XI is true to the best of my knowledge.

Installer Name: _____ Position: _____
(MUST TYPE OR PRINT)

Installer ID Number: _____ Certification Expiration Date: _____

Signature _____ Date: _____

SUSPECTED RELEASE REPORT

REPORT # 5530368-00-FY93

DATE: 2/4/93

[1] PERSON REPORTING THE RELEASE

TIME: 3:00

NAME: Stephen T. Small TITLE: Plant Manager PHONE: (513) 339-3150

AGENCY/COMPANY: Deltech Polymers RELATION TO SITE: Current Property Owner

ADDRESS: 1250 South Union Street CITY: Troy ST: OH ZIP: 45373

REMARKS: Date and time SFM rec'd report

[2] SUSPECTED RELEASE LOCATION

MULTIPLE SUSPECTED SOURCES? ___ YES NO ✓ UNDETERMINED COUNTY: Miami #57

FACILITY: Deltech Polymers Corp. FACILITY ID#: 550232

ADDRESS: 1250 South Union St.

CITY: Troy ST: OH ZIP: 45373 PHONE: ( ) ______

UST OWNER: Possibly - Goodyear Polymers PHONE: ( ) ______

UST OPERATOR: ______ PHONE: ( ) ______

REMARKS. Attempt closure request.
Two Thermal UST's abandoned in 1988 - no closure was performed. UST's may have contained some type of PCB's or heat transfer oil (per F.D.)

FIRE DEPT: Troy F.D. CONTACT: Dick Zimmerman PHONE: (513) 335-5628

[3] CONDITIONS LEADING TO REPORT OF SUSPECTED RELEASE (*Check all that apply*)

___ Inventory control results indicate a release may have occurred.
___ Testing, monitoring or sampling results indicate a release may have occurred.
___ Unusual operating conditions observed (e.g., sudden drop in tank volume).
___ Impacts noticed in area surrounding tank (e.g., vapors, well contaminated, run-off).
___ Spill or overfill of petroleum in excess of 25 gallons.
___ Soil/Groundwater contamination discovered during non-closure related investigation.
___ Closure (or replacement) assessment results indicate that a release has occurred.

OTHER CONDITIONS: ______

*******COMPLETE REVERSE SIDE*******

[10] REPORT DISPOSITION (*Indicate actions taken on reverse side*)

TAKEN BY: CH EMERGENCY ACTION? __ YES __ NO BY: __ FM __ OEPA ( )

COORD: SMC.L REPORT ACTION APPROVED: [signature] DATE: 3/8/93

ENTERED BY: SL DATE: MAR. 8 1993

CIRCLE STATUS: RPT SUS DIS CON IGA ICR PRIORITY: 1 (2) 3 4 CLASS: A B C (D) LTF: 1 (2) 6

ICC SAS SAC CAS CAP NFA OTHER: ______

— [4] RELEASE INFORMATION —

DATE FIRST DETECTED: ___/___/___ TIME: ___:___ EST. QUANTITY: Unk

SUBSTANCE RELEASED/DETECTED: ___ GASOLINE ___ DIESEL FUEL ___ KEROSINE ___ USED OIL

___ OTHER PETRO ___ HAZ SUBST ___ UNKNOWN EST. DURATION: Unk

MEDIA EFFECTED (Check all that apply): ___ SOIL ___ PAVEMENT ___ BASEMENT ___ SEWERS

___ GROUNDWATER ___ SURFACE WATER ✓ OTHER: Terminal ___ LTF

ELIGIBLE? ___ YES ___ NO If no, why?: ___

— [5] UST INFORMATION —

FACILITY REGISTRATION CURRENT? ___ YES ___ NO ✓ UNKNOWN (Attach USTR's for all facilities)

NUMBER OF TANKS: 1 RELEASE DETECTION METHOD: Unk

AGE	CAPACITY	-CONST.- MATERIAL	SUBSTANCE STORED	STATUS	AGE	CAPACITY	-CONST.- MATERIAL	SUBSTANCE STORED	STATUS
Unk	500	Unk	[illegible]	[illegible]					

PROBABLE LOCATION OF RELEASE: TANK NO. ___ PIPE BETWEEN ___ AND ___

PROBABLE CAUSE: Unk

OTHER POTENTIAL SOURCES AT THIS LOCATION: Industrial site

— [6] SITE/HAZARD INFORMATION —

IMPORTANT SITE OR SURROUNDING AREA CHARACTERISTICS: Industrial area

PROXIMITY TO DRINKING WATER SOURCES: Area supplied by Municipal water

OTHER FIRE/WATER/HEALTH HAZARDS AT THE SITE: Industrial site

— [7] INITIAL RESPONSE ACTIONS BY OWNER/OPERATOR — (Check all that apply)

___ Release confirmation/Investigation
___ Initial corrective action procedures
___ Free product removal
___ Long term corrective action plan
___ Initial site investigation
___ Site/Assessment/Exposure Assessment
___ Unknown/undetermined
✓ None

— [8] WERE ANY OTHER AGENCIES NOTIFIED PRIOR TO BUSTR? — (As Reported) DATE: ___/___/___

AGENCY: ___ NAME: ___

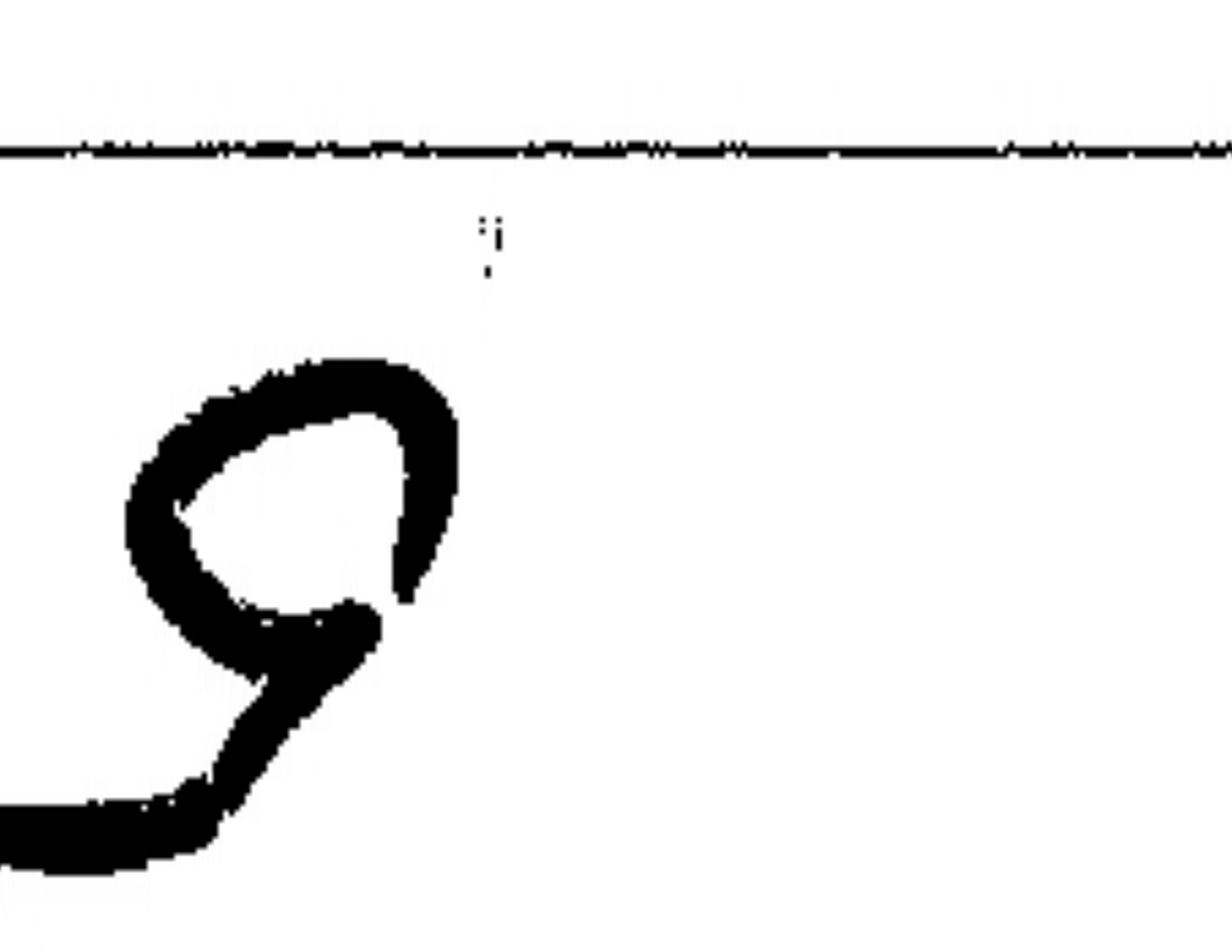
— [9] BUSTR ACTIONS TAKEN —

3/3/93 Troy F.D. Dick Zimmerman
19 E. Race St.
Troy OH 45373
See Phone Memo (513) 335-5678

3/3/93 Bud Donigan / Miami County H.D.
5252 W. County Rd. 25A
PO Box 699
Troy OH 45373-0699
Left message for him to call our office

3/4/93 Paul Pard. SWDO OEPA 40 S. Main St Dayton OH 45402
(513) 285-6091 See Phone Memo

CALLS TO: (FD), LHD, LFW, (ODH), (OEPA/ER), OEPA/DFDW, OEPA/DGW, OTHER



5530368

5500232- 00001

2003 JAN -5 AM 9:05

DELTECH POLYMERS CORPORATION

January 2, 2004

Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E. Maint St.
PO Box 687
Reynoldsburg, OH 43068-9009

Attn: Ms. Amanda Davies

Re: UST Abandonment

Dear Ms. Davies:

This letter is in response to your request for information dated December 9, 2003. Below is a description of procedures followed during temporary abandonment of the 20,000 gallon styrene tank at Troy, Ohio. Permanent closure of the tank has not been completed.

In October, 1998, Deltech Polymers Corporation contracted the Payne Firm to complete closure on two 500 gallon Therminol tanks and the styrene tank. They sub-contracted the tank cleaning to AST Environmental. In November, 1998, AST cleaned the three tanks. The styrene tank was water blasted and entered, removing all liquid, semi-solid, or solid residues in the tank. The top man way cover was then reinstalled, and the tank was vented per regulation. The tank has remained in this state until present time, clean and empty.

Deltech Polymers Corporation intended to permanently close the tank in place, fill it with an inert concrete-like material, and submit a final closure assessment report. Deltech Polymers submitted a request for deviation from the soil sampling requirements. This request was based on two main points. First, periodic leak detection conducted on the tank always showed that the tank was not leaking. Second, an explosion and fire in 1987 had contaminated the soil in the vicinity of the tank. This contamination had shown up in monitoring wells just downstream of the area, but was decreasing through natural attenuation. However, soil sampling around the tank would surely show hydrocarbon contamination (styrene and ethyl

benzene), and this contamination would not have originated with the styrene tank. Therefore, there was no constructive purpose for conducting the soil sampling.

To date, Deltech Polymers Corporation has not been able to resolve the dispute with BUSTR, and has not submitted a closure assessment report. It is our desire to complete the closure as soon as possible and lay this matter to rest.

If there is any further information I can provide, please contact me (937) 335-5286 Ext. 11, or via e-mail at jmathis@deltechcorp.com.

Sincerely,

Jim Mathis
V.P. Operations

Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E. Main St. • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Lt. Governor Jennette Bradley
Director

December 09, 2003

JAMES MATHIS
DELTECH POLYMERS CORP
1250 S UNION ST
TROY, OH 45373

SITE: DELTECH POLYMERS CORP.
(UST ABANDONMENT)
1250 S UNION ST
TROY OH
MIAMI COUNTY
FORMER INCIDENT #5530368-00
RELEASE #55000232-N00001

RE: ADDITIONAL INFORMATION REQUESTED

Dear Mr. Mathis:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for the referenced release. Based on our review, BUSTR requests the following:

1. It is assumed that the 20,000-gallon styrene tank has been abandoned in place. Please submit a description of any abandonment procedures that were performed to be in compliance with OAC Rule 1301:7-9-12(K). This information will be of great use when considering what, if any, further actions will be required.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

Please submit this information to BUSTR within 60 days from the date of this letter.

Thank you for your cooperation. If you have any questions, please contact me at (614) 752-7125.

Sincerely,

Amanda Davies
Environmental Specialist

xc: Site File

DELTECH POLYMERS CORPORATION
1250 S. UNION ST.
TROY, OHIO 45373
TEL: 937-339-3150 FAX: 937-339-7694

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Ms. Amanda Davies	Jim Mathis
COMPANY:	DATE:
BUSTR	12/8/2003
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
614-752-7942	6
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
614-752-7125	
RE:	YOUR REFERENCE NUMBER:
Document Copies Release No. 55000232-N00001	

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Ms. Davies:

Attached please find the file documents pertaining to the UST's referenced in the above release. Please review and let me know what action is required by Deltech Polymers at this time, if any.

I can be reached at my direct line, 937-335-5286 Ext. 11, or via e-mail at jmathis@deltechcorp.com. I travel nearly every week, and will be in the Troy office on Monday and Friday of this week.

Sincerely,

Jim Mathis
Vice President -- Operations

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E. Main St. • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Lt. Governor Jennette Bradley
Director

November 18, 2003

DELTECH POLYMERS CORP
1250 S UNION ST
TROY, OH 45373

SITE: DELTECH POLYMERS CORP.
(UST ABANDONMENT 10/21/98)
1250 S UNION ST
TROY OH
MIAMI COUNTY
FORMER INCIDENT #5530368
RELEASE #55000232-N00001

RE: NO RESPONSE RECEIVED

Dear Sir or Madam:

On December 4, 2001, the Bureau of Underground Storage Tank Regulations (BUSTR) sent you a letter requesting a closure assessment report. As of this date you have not provided the requested information. To be in compliance with Ohio Administrative Code 1301:7-9-12, effective September 1992, you should supply this information within 30 days of the date of this letter.

On March 31, 1999, a new corrective action rule became effective. A provision of this rule allows owners/operators with releases confirmed prior to March 31, 1999 to elect to conduct corrective action under the 1999 rule. A Fact Sheet explaining this option may be found on our web site.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at (614) 752-7125.

Sincerely,

Amanda Davies
Environmental Specialist

xc: Site File

1250 South Union Street
Troy, OH 45[illegible]
(937) 339-3[illegible]
Fax. (937) 339-7694

DELTECH POLYMERS
CORPORATION

January 29, 2002

Mr. Raymond Bauman
Environmental Specialist
Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
6606 Tussing Road
PO Box 687
Reynoldsburg, OH 43068-9009

RE: Request For Sampling Exemption

This letter is in response to your concerns pertaining to two UST's located on Deltech Polymers Corporation's Troy Ohio facility, which were temporarily closed in 1998. I would first like to apologize for this not getting to you sooner.

The first of these two tanks is a 500-gallon tank that previously held a type of Therminol heat transfer oil, which is known to have contained PCB's. You had requested that we send an MSDS to you showing that the material did in fact contain PCB's, with the intention that jurisdiction over the tank would pass from the Division of State Fire Marshal to U.S. EPA Region 5. Unfortunately, we have not been able to obtain an MSDS from Solutia Corporation, who currently manufacture Therminol, or from Monsanto, who were the previous producers. However, we are certain that the tank did contain PCB's at one time, because of sampling of the tank residue performed by The Payne Firm for Deltech Polymers Corporation. Attached are analytical results for the test, showing the presence of Aroclor 1248. Based on this information, the tank should be transferred to the jurisdiction of U.S. EPA.

In 1987 Goodson Polymers (Deltech Polymers previous owner) experienced a fire and subsequent explosion at its Troy, OH facility. This incident released styrene and associated aromatics into the soils of the Troy facility. This contamination appears to be well contained within the facility boundaries and is being gradually attenuated by the naturally occurring bacteria in the soil and groundwater. Both Ohio EPA and the Troy Fire Department are aware of this incident. Deltech Polymers monitor this contamination with a system of monitor wells.

The second UST in question (TK1 – 20,000 gallons) is located in the process area where the explosion took place. This area is now completely covered by an impervious concrete slab. Previous sampling of various monitor wells downgradient of this process area have detected styrene and associated aromatics (ethyl benzene, toluene, xylenes, etc.). This tank has been leak tested numerous times and has never been shown to leak. Soil samples taken from this area would have a high probability of detecting styrene and associated aromatics, however there is no indication that this contamination occurred as a result of a leaking UST, but is instead a remnant of the aforementioned explosion that occurred in 1987.

Deltech Polymers Corporation feel that soil testing as prescribed in OAC 1301:7-9-12 (K)(4) will serve no purpose, as the results from this testing will not provide any useful data other than confirmation of a spill that occurred in 1987, that is being monitored as required by Ohio EPA. For this reason Deltech Polymers does not wish to disturb the integrity of the tank (which has been shown not to leak) or the concrete pad, which are located in active process areas. OAC 1301:7-9-12 (K)(4)(f) states "if site conditions interfere with collection of any samples required by paragraphs (K)(4)(c) to (K)(4)(e)(iv), owners and operators shall obtain approval in writing from the bureau chief for an alternative sampling protocol." We believe that this exclusion is in place for precisely this type of circumstance and do not believe that soil testing should be required. Deltech Polymers would like to use our current monitor well testing program as the "alternative sampling protocol", as this testing would be the most useful in ensuring the ongoing protection of human health and the environment.

If you have any questions or need additional information please contact me at (937) 335-5286.

Sincerely,

James E. Mathis

James E. Mathis
Plant Manager
Deltech Polymers Corporation

Quanterra Environmental Services

PAYNE FIRM INC.

UST FLUID

WO #: C07AN101
LAB #: A5G140120-001
MATRIX: WASTE
DILUTION FACTOR: 100.00

DATE SAMPLED: 7/13/95
TIME SAMPLED: 15:30
DATE RECEIVED: 7/14/95
% MOISTURE:

GC Semi-Volatiles

PARAMETER	RESULT (ug/kg)	REPORTING LIMIT	METHOD	EXTRACTION-ANALYSIS DATE	QC BATCH
Aroclor 1232	ND	100,000	SW846 8080	07/30-08/04/95	521100E
Aroclor 1016	ND	100,000	SW846 8080	07/30-08/04/95	521100E
Aroclor 1221	ND	100,000	SW846 8080	07/30-08/04/95	521100E
Aroclor 1242	ND	100,000	SW846 8080	07/30-08/04/95	521100E
Aroclor 1248	420,000	100,000	SW846 8080	07/30-08/04/95	521100E
Aroclor 1254	ND	100,000	SW846 8080	07/30-08/04/95	521100E
Aroclor 1260	ND	100,000	SW846 8080	07/30-08/04/95	521100E

SURROGATE RECOVERY	%	ACCEPTABLE LIMITS
Tetrachloro-m-xylene	DIL	(30 - 170)

NOTE: AS RECEIVED
ND NOT DETECTED AT THE STATED REPORTING LIMIT

Date: December 24, 2001

To: Files

From: Jim Mathis

Subject: UST Closure Reports Memo
Call to Raymond Bauman

(Dec. 28, 2001)

I contacted Mr. Raymond Bauman concerning a letter he had sent to me, dated Dec. 4, 2001. In the letter, he stated that Deltech Polymers Corp. had not sent in a "closure assessment report," for the two UST's that were temporarily closed on December 4, 1998.

I explained to Mr. Bauman that DPC had sent two letters to BUSTR, State Fire Marshal office requesting a modification to the normal soil sampling procedure. DPC had taken no further action while we waited on BUSTR to rule on the second letter. BUSTR had denied the first request. We were requesting that the soil testing be waived because the tanks were located under cement pads in the vicinity of process equipment.

Mr. Bauman stated that the request was denied because the tanks would have had to have been entered to proper cleaning, and that a hole could have been drilled in the bottom of the tanks for soil testing purposes while the tanks were entered. I told him that I did not have a ready answer for that issue, but that I would get back to him. I told him that there were actually two smaller tanks, which were believed to have contained PCB's. Each was only 500 gallons, and therefore could not be entered for cleaning or sampling.

Mr. Bauman stated that the had the following UST's on file:

- One (1) 20,000 gal temp. closed
- One (1) 500 gal temp. closed
- One (1) 500 gal removed (could have been closed in place)
- One (1) 5000 gal removed
- Two (2) 30,000 gal in service

I told him that the files were basically correct. The second 500 gal tank that was marked "removed" was actually thought to have been filled with cement, but was found to be open.

I stated that, to my best knowledge, there had been a regulatory loophole on the two tanks that had contained Therminol, which was believed to have contained PCB's. My understanding was that the tanks were not regulated by BUSTR, and that they were not actually regulated by Ohio EPA either. Mr. Bauman stated that I was correct, and that the PCB tanks were now referred to USEPA Region 5. Toxics of this nature were no longer handled by OEPA.

Mr. Bauman stated that he would record in our file that we had made phone contact concerning these issues. He requested that we submit a letter explaining why we would not be able to sample the soil beneath the former styrene tank by drilling through the bottom of the tank, or submit a plan to do the sampling. He also requested an MSDS for the Therminol showing that it contained PCB's, so he would have the documentation to refer the smaller tank to Region 5.

I told him I would consult with our EH&S group and send him a written response.

James E. Mathis

James E. Mathis
Plant Manager
Deltech Polymers Corporation

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
6606 Tussing Road • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Gary C. Suhadolnik
Director

December 04, 2001

JAMES MATHIS
DELTECH POLYMERS CORP
1250 SOUTH UNION ST
TROY OH 45373

SITE: DELTECH POLYMERS CORP
1998 TANK ABANDONMENT
1250 SOUTH UNION ST
TROY OH
MIAMI COUNTY
FORMER INCIDENT #5530368-01
RELEASE #55000232-N00001

RE: CLOSURE ASSESSMENT REPORT NOT RECEIVED

Dear Mr. Mathis:

The Bureau of Underground Storage Tank Regulations (BUSTR) was notified on December 4, 1998 that the underground storage tank system(s) at this site were abandoned in place.

To date, BUSTR has not received a closure assessment report. The owner and operator are both responsible for filing this report. Either may take action to comply with the regulations; however, both are liable for noncompliance.

The closure assessment report must be filed with BUSTR even if a copy of the report has already been sent to the Petroleum Underground Storage Tank Release Compensation Board, the Ohio Environmental Protection Agency, or the local fire department.

The closure assessment reporting requirements are listed in Ohio Administrative Code 1301:7-9-12(K) and (L), effective September 1992. An order form and other publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

Please send your closure assessment report to BUSTR within 30 days of the date of this letter.

Thank you for your cooperation. If you have any questions, please contact me at (614) 752-4232.

Sincerely,

Raymond Bauman

Raymond Bauman
Environmental Specialist

xc: Site File

cc: Chief John A. Denney, Troy Fire Department
Jeff Koehl, Miami County Health District

Oh Department of Comr ce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942

George V. Voinovich
Governor

Donna Owens
Director

October 21, 1998

JAMES MATHIS
DELTECH POLYMERS CORP
1250 S UNION ST
TROY OHIO 45373

SITE: DELTECH POLYMERS CORP
1250 SOUTH UNION ST
TROY OHIO
MIAMI COUNTY
INCIDENT #5530368-01

RE: REQUEST TO USE AN ALTERNATE TECHNOLOGY

Dear Mr. Mathis:

The State Fire Marshal, Bureau of Underground Storage Tank Regulations, has reviewed your request dated October 8, 1998, to use an alternative technology other than those methods accepted by Ohio Administrative Code 1301:7-9-12. You requested to forgo closure sampling for both the 550 gallon therminol and a 20,000 gallon styrene underground Storage tanks (USTs) and ask that BUSTR accept the ground water monitoring from the existing monitoring well network as meeting the requirements of OAC 1301: 7-9-12 (K)(2). In addition you asked BUSTR to give you permission to abandoned the above referenced USTs in place.

The Troy Fire Department is a BUSTR delegated authority. Therefore, they will issue the permit and may approve the abandonment of the USTs in place. Nevertheless, they do not have the authority to deviate from the closure regulations.

If the Troy Fire Department approves an abandonment in place for the Styrene UST, you must conduct the closure in accordance with OAC 1301: 7-9-12 (H) and conduct a closure assessment in accordance with OAC rule 1301:7-9-12 (K)(e). A closure report shall be submitted containing the appropriate information required by OAC 1301:7-9-12(L).

You must also submit to BUSTR for prior approval of the analytical method used for the closure samples for the styrene USTs the following information:

1. Copy of MSDS for the substance.

2 Suggested analytical method from an analytical laboratory and information on the method suggested.

The therminol is a polychlorinated biphenyl and is not a BUSTR regulated substance as stated in our letter to Mr. Stephen T. Small of your corporation dated October 17, 1994. You may contact, Yves Reme, at US EPA REGION 5, 77 W JACKSON BLVD. DU-7J, CHICAGO IL 60604-3590, phone # (312) 353-4889, for a binding determination. Your letter and site have been referred to Craig Smith at OEPA, DERR PCB UNITE ,phone # (614) 644-3144 for additional regulatory oversight.

The State Fire Marshal hereby denies your request to forgo conducting a closure assessment for the regulated USTs. The monitoring of the existing monitoring wells does not meet the requirements of vapor or ground water monitoring as a release detection method.

Thank you for your cooperation. If you have any questions, please contact Raymond Bauman at (614) 752-7938.

Sincerely,

Kelly J. Gill
Corrective Action Supervisor

KJG:RB

xc: Site File
Dr Guy Shrake, Miami County Health District
Inspector Charles Riley, Troy Fire Department
Craig Smith: , OEPA DERR, Central Office

5530368.0 Rpt 2, D, 9, CoCA
5530368-01 Rpt. 2, D, 6, COCI

5500232 NCR
Send for 2 tanks removed
06066 8-24-95
per OTER Reg. modul

DIVISION OF STATE FIRE MARSHAL – BUSTR
8895 East Main Street, P.O. Box 687
Reynoldsburg, OH 43068-0687

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

550232

Permit No.: 98-290
Issue Date: 10-21-98

I. Ownership of Tanks	Owner No:	II. Location of Tanks	Facility No:
Owner/Operator Name: Deltech Polymers Corporation		Facility Name: Deltech Polymers Corporation	
Address: 1250 S. Union Street		Address: 1250 S. Union Street	
City: Troy	State: Ohio	City: Troy	State: Ohio
Zip Code: 45373		Zip Code: 45373	
Attn.: (Contact Person): Jim Matthis	Area Code – Phone: 937-339-3150	Area Code – Phone: 937-339-3150	County: Miami
III. Contractor		**IV. Local Fire Department**	
Contractor's Name: Payne Firm		Fire Department Name: Troy Fire Department	
Contact Person: Mike Saul	Area Code – Phone: 513-489-2255	Address: 19 East Race Street	
Address: 11231 Cornell Park Dr.		City: Troy	State: Ohio
City: Cincinnati	State: Ohio	Zip Code: 45373	
Zip Code: 45242			

V. Permit Issued For: See Below *(Note: Owner's Copy of Permit must be available on job site.)*

Removals/Abandoments:
[101] Tank(s): [102] Piping: [103] Total Systems:

Installations:
[201] Tank(s): [202] Piping: [203] Total Systems:

Replacement:
[301] Tank(s): [302] Piping: [303] Total Systems:

Repairs:
[401] Tank(s): [402] Piping:

Upgrades:
[501] Tank(s): [502] Piping: [503] Leak Detection:

Change in Service/Temporary Closure:
[601] Systems: 2

DEPARTMENT OF COMMERCE • DIVISION OF STATE FIRE MARSHAL •

FIRE DEPARTMENT USE ONLY

Certified Installer: Doug Smith ID No: 10-97-2833

Inspector's Signature: John A. Demaree Date: 12/4/98

COM 5210 (Rev. 12/93)

Distribution: White Copy - Tank Owner; Canary Copy - State Fire Marshal; Pink Copy - Fire Department

DEPARTMENT OF COMMERCE, DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
P.O. BOX 687
REYNOLDSBURG, OH 43068-0687
614-752-7938

INSPECTION FIELD REPORT

[✓] Preliminary/Follow-up
[ ] Final Inspection

Permit No: 06066
Issue Date: 10-21-98

I. OWNERSHIP OF TANK	II. LOCATION OF TANK
DeLtech Polymers Corp 1250 S. Union St Troy, Ohio 45373	DeLtech Polymers Corp. 1250 S. Union St. Troy, Ohio 45373

III. INSPECTION CODES: 101 102 103 201 202 203 301 302 303 401 402 501 502 503 504 (601) 701

IV. INSTALLATION/REMOVAL

	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK
Capacity								
Construction								
Product Stored								
LEL/O2 Level								
Inspection Code								

Release Detection Tank: _____ Piping _____
Corrosion Protection Tank: _____ Piping _____
Spill & Overfill Protection _____ (CIRCLE ONE) Drop Tube / Ball Float / Electronic
In Ground Test _____ Piping Test _____ Precision Test _____

V. TEMPORARY CLOSURE

Tanks Emptied Yes ✓ No ___ Fill Pipe/Dispenser Secured Yes ✓ No ___ Vent Lines Open Yes ✓ No ___

VI. TANK LINING

Opening Cover Test _____ Method of Cutting _____ Positive Air Supply _____
Safety Precautions _____ Attendant _____ Protective Clothing _____
Lining Approved By: _____ No. _____ Date _____

VII. SITE INFORMATION

Cavity I: (Visible)
Holes (Tanks) Yes ___ No ___ Holes (Piping) Yes ___ No ___ Tank Cavity* ___ Piping Run* ___ Beneath Dispenser* ___

Cavity II (Visible)
Holes (Tanks) Yes ___ No ___ Holes (Piping) Yes ___ No ___ Tank Cavity* ___ Piping Run* ___ Beneath Dispenser* ___

*Indicate O=Odor, W=Water, ST=Staining, FP=Free Product, SH=Sheen

Remarks: Temporary Closure of 2 UST's.

Start Time 1330 End Time 1400 Date: 12/4/98	Start Time ___ End Time ___ Date: ___

Certified Installer Name: Doug Smith No. 10-97-2833
Certified Inspector's Signature: John a. Denny No. 97-0027 Date 12/4/98

Revised 1/97 Distribution: White-Agency Copy Canary-Owner Copy Pink-Inspector Copy

[redacted] [redacted] AL

SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 5530368 - 01 - ____

FACILITY NAME: DelTech Corp NEW FACILITY INFO? ✓ YES ____ NO (Update on back)

== [1] REASON FOR LISTING UPDATE

✓ [1] Written report/results received from owner/operator.
___ [2] Verbal report/results received from owner/operator.
___ [3] Written report received from BUSTR contractor.
___ [4] Information collected from BUSTR field examination/inspection.
___ [5] Change in site coordinator/contractor assignment.
___ [6] Change/delete existing incident number - explain change in remarks section [5].
___ [7] Create new incident number for additional suspected facility/location.
___ [8] Orders issued.
___ [9] Other:

== [2] NEW SITE LISTING DATA

INCIDENT #: ____ - ____ - ____
REPORT NUMBER FAC TRKG# SPRC

EMERGENCY RESPONSE: ___ YES ___ NO BY: ___ FH (_____) ___ OEPA ___ USEPA

STATUS: ✓ RPT ___ SUS ___ DIS ___ CON ___ ICA ___ ICR ___ ICC ___ SAS ___ SAC ___ CAS ___ CAP ___ NFA

PRIORITY: ___ 1* ✓ 2

CLASSIFICATION: ___ A ___ B ___ C ✓ D LTF ELIGIBILITY: (CIRCLE) 1 2 (6) ___ OTHER

SITE COORDINATOR: Colin

== * [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)
(First sentence - why is it a 1? Second sentence - who is doing what at this time)

Creek File for Support Removal

== [5] SITE MANAGEMENT REMARKS
(BUSTR actions needed/taken, reports expected, etc.)

20 000 Sytrene Removal planed asked to forgo closure assessment and close in place, Denied, Referred to Troy FO for permission to close in place.

== [6] FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT
(For use by supervisor)

UPDATE SUBMITTED BY: B Baugh DATE: 10/15/98

APPROVED: [signature] DATE: 10/30/98 ENTRY: _____ DATE: _____

SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 5 5 3 0 3 6 8 · 0 1 · _ _ _ _

FACILITY NAME: Deltech Polymers CORP NEW FACILITY INFO? ✓ YES ___ NO (Update on back)

= [1] REASON FOR LISTING UPDATE =

___ [1] Written report/results received from owner/operator.
___ [2] Verbal report/results received from owner/operator.
___ [3] Written report received from BUSTR contractor.
___ [4] Information collected from BUSTR field examination/inspection.
___ [5] Change in site coordinator/contractor assignment.
___ [6] Change/delete existing incident number - explain change in remarks section [5].
___ [7] Create new incident number for additional suspected facility/location.
___ [8] Orders issued.
✓ [9] Other: Create 01 Closure File

= [2] NEW SITE LISTING DATA =

INCIDENT #: _ _ _ _ _ _ _ · _ _ _ · _ _ _ _
REPORT NUMBER FAC TRKG# SPRC

EMERGENCY RESPONSE: ___ YES ___ NO BY: ___ FM (_____) ___ OEPA ___ USEPA

STATUS: ✓ RPT ___ SUS ___ DIS ___ CON ___ ICA ___ ICR ___ ICC ___ SAS ___ SAC ___ CAS ___ CAP ___ NFA

PRIORITY: ___ 1* ✓ 2

CLASSIFICATION: ___ A ___ B ___ C ✓ D LTF ELIGIBILITY: (CIRCLE) 1 2 (6) ___ OTHER

SITE COORDINATOR: COCI

= * [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES) =
(First sentence - why is it a 1? Second sentence - who is doing what at this time)

Create 01 Inc #, 1, therminol ust Not Regulated by Bustr via 1994 Letter, Referred to USEPA Region 5, for final determination Referred to Troy FD for permit + permission to ABA in Place Denied Request to Longo closure Assessment. wells to far from ust and not monitored during operation of USTs to qualify for Longo or GW monitoring

= [5] SITE MANAGEMENT REMARKS =
(BUSTR actions needed/taken, reports expected, etc.)

Create 01 Facility for one 20 000 styrene UST

= [6] FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT =
(For use by supervisor)

UPDATE SUBMITTED BY: JBaumann DATE: 10/31/97

APPROVED: [signature] DATE: 10/31/97 ENTRY: _____ DATE: _____

5-5-30368-01

98 OCT -8 AM 9:18

1250 South Union Street
Troy, Ohio 45373
(513) 339-3150
FAX (513) 339-7694

DELTECH POLYMERS CORPORATION

Mr. Vern Ord
Acting Chief, Bureau of Underground Storage Regulations
Division of State Fire Marshal
P.O. Box 687
Reynoldsburg, OH 43068-0687

Re: Request for approval of alternate sampling sites for closure assessment in connection with permanent abandonment of two UST systems at the Deltech facility, Troy, Ohio.

Dear Mr. Ord:

Deltech Polymers Corporation is undertaking a project to permanently abandon two underground storage tank systems (USTs) containing regulated substances at its Troy, OH facility. By way of background, Deltech acquired the Troy polystyrene production facility out of bankruptcy proceedings in 1991. In 1987, prior to the acquisition by Deltech, a fire and explosion damaged portions of the facility and resulted in the release of styrene and ethylbenzene on the plant property. Deltech has been engaged in ongoing monitoring and remedial activities at the site for these chemicals pursuant to an agreement with USEPA. These activities include ground water monitoring up and down gradient from the two UST systems, which demonstrate that concentrations of these substances in the ground water beneath the facility are not migrating off site, and are steadily decreasing. A map of the surrounding monitoring wells is attached.

The two USTs at this facility are located beneath a reenforced concrete slab and footers which support an active processing unit and supporting equipment. This equipment is provided with a concrete secondary containment system. The two USTs are one 500-gallon and one 20,000-gallon tanks. The smaller tank is now empty but tests of the residues confirmed that it formerly contained therminol, used as a process coolant, which contained Aloclor 1248, a regulated hazardous substance. Use of the smaller tank was discontinued by the prior owner after the fire and explosion, but it was not removed at that time. The larger tank contains styrene, and has been operated and maintained by Deltech in accordance with current regulatory requirements. Due to the location of these tanks, removal is not possible without completely interrupting production and relocating the active processing equipment. A photograph of this portion of the site is attached. Accordingly, Deltech is requesting approval to abandon these tanks in place.

We believe that there will be sufficient room above the tanks to comply with applicable safety standards and to fill the tanks with an appropriate inert material, and are confirming this with our consultants. However, the location of these tanks prevents conducting sampling in accordance with the provisions of the current regulations, without disturbing the active processing equipment or impairing the integrity of the secondary containment system.

OAC Rule 1301:7-9-12(K)(2) provides that "owners and operators of UST systems do not have to perform a closure assessment if vapor monitoring or ground water monitoring are used in accordance with paragraphs (E)(5) to (E) (6) of rule 1301:7-9-07 of the Administrative Code as an external release detection method for the UST system and release is not detected using one or both of these methods up to the time of permanent abandonment." Although we have not used these approved methods for release detection purposes, the ground water monitoring data collected in connection with the USEPA-supervised activities demonstrates that there is no evidence of a continuing release from the remaining operating styrene tank. In addition, the styrene tank has been monitored through inventory control procedures and was last subject to an integrity test in 1997, which showed no leaks present.

In addition, OAC Rule 1301:7-9-12(K)(4)(f) provides that "(i)f site conditions interfere with the collection of any samples required by paragraphs (K)(4)(e) to (K)(4)(e)(iv), owners and operators shall obtain approval in writing from the bureau chief for an alternate sampling protocol." As noted above, site conditions do not permit excavation of these tanks, or collection of samples from the locations prescribed in the rules due to the presence of the active process equipment. Deltech requests approval to submit historic data from the ongoing investigations at the site, and proposes to collect an additional round of ground water samples from the existing wells, and to analyze those samples for styrene and Aroclor 1248, the hazardous constituent present in the therminol residues in the smaller tank, in lieu of collecting the soil and/or ground water samples required in the closure assessment rules.

Please contact me at the number listed above if you require additional information in support of this request. Your prompt response is appreciated.

Sincerely,

James E. Mathis

James E. Mathis
Plant Manager
Deltech Polymers Corp.

cc: Janet J. Henry, Esq. (PWMA)
David Dixon (BR)

Ohio Department of Commerce

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations
8895 E. Main St., P.O. Box 687 • Reynoldsburg, OH 43068-0687
(614) 752-7938 • FAX (614) 752-7942

Donna Owens, Director

OCT 17 1994

Mr. Stephen T. Small
Deltech Polymers Corporation
1250 South Union Street
Troy, OH 45373

RE: Deltech Polymers Corp.
1250 South Union Street
Troy, Ohio
Miami County
Incident #5530368-00

Dear Mr. Small:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your letter dated September 1, 1994. You requested a determination if BUSTR regulated two 500 gallon underground storage tanks (USTs) containing "Therminol".

Therminol is a polychlorinated biphenyls (PCBs) with a Chemical Abstract Service (CAS) number of CAS 1336-36-3. The BUSTR does not regulate USTs containing PCBs.

The Ohio EPA should be contacted concerning any activities with these tanks.

Thank you, if you have any questions please call me at (614) 752-7938.

Sincerely,

Thomas Bell
Environmental Specialist

TB:ag

cc: File #5530368-00
Ohio EPA, Southwest District Office
Chief Robert Counts, Troy Fire Dept.
Mr. Lowell H. Domigan, Miami County Health Dept.

	CONCURRENCES						MAILED
INITIAL							
DATE	10/17/94						10-17-94

SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 5 5 3 0 3 6 8 - 0 0 - _ _ _ _ UPDATE.001 REV 8/89

FACILITY NAME: Deltech Polymers Corp NEW FACILITY INFO? ___ YES ___ NO (Update on back)

— (1) REASON FOR LISTING UPDATE

✓ (1) Written report/results received from owner/operator.
__ (2) Verbal report/results received from owner/operator.
__ (3) Written report received from BUSTR contractor.
__ (4) Information collected from BUSTR field examination/inspection.
__ (5) Change in site coordinator/contractor assignment.
__ (6) Change/delete existing incident number - explain change in remarks section (5).
__ (7) Create new incident number for additional suspected facility/location.
✓ (8) Orders issued.
__ (9) Other: Change from LTF 2 to LTF 9.

— (2) NEW SITE LISTING DATA

INCIDENT #: _ _ _ _ _ _ _ - _ _ - _ _ _ _ (REPORT NUMBER, FAC, FRCHD, SPEC)

EMERGENCY RESPONSE: ___ YES ___ NO BY: ___ FR (__________) ___ OEPA ___ USEPA

STATUS: ___ RPT ___ SUS ___ WIS ___ CON ___ ECA ___ ECR ___ ECC ___ SAS ___ SAC ___ CAS ___ CAP ___ NFA

PRIORITY: ___ 1* ✓ 2

CLASSIFICATION: ___ A ___ B ___ C ✓ D LTF ELIGIBILITY: (CIRCLE) 1 2 6 9 OTHER

SITE COORDINATOR: __________

— * (3) SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)
(First sentence - why is it a 1? Second sentence - who is doing what at this time)

— (4) NEW EXCEPTION REPORT DATA

__ (1) State plans to obligate over $100,000 at a site.
__ (2) State actually obligated over $100,000 at a site (cumulative expenses exceeded $100,000 this quarter).
__ (3) State plans to use innovative or experimental technology at the site.
__ (4) State plans to provide permanent alternative drinking water supply.
__ (5) State plans to permanently relocate residents.
__ (6) State reached/received cost recovery settlement; amount: __________.

— (5) SITE MANAGEMENT REMARKS
(BUSTR actions needed/taken, reports expected, etc.)

Tanks are flow-thru tanks used in processing. Tanks contained "therminol" a PCB-containing heat-transfer oil.

— (6) FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT
(For use by supervisor)

UPDATE SUBMITTED BY: Thomas Bell DATE: 09/27/94

APPROVED: [signature] DATE: 9/27/94 ENTRY: [initials] DATE: OCT 5 1994

1250 South Union Street
Troy, Ohio 45373
(513) 339-3150
FAX (513) 339-7694

DELTECH POLYMERS CORPORATION

September 1, 1994

Bureau of Underground Storage Tank Regulation
PO Box 687
Reynoldsburg, OH 43068

Attn: Bev

RE: Request for Abandonment in Place

Deltech Polymers Corporation purchased the Troy, Ohio, Polystyrene Plant at Sheriff's sale in March, 1991. This site had been operated by the now defunct Goodson Polymers. It has come to our attention that two 500 gallon underground Therminol storage tanks were emptied, cleaned, filled with concrete and process piping removed by Goodson Polymers in 1988. However, a formal closure procedure was never accomplished.

Deltech Polymers Corporation wishes to formally close these tanks. Because these tanks are located underneath existing operation equipment, removal or drilling for samples cannot be accomplished. See the attached Figure 1 (Process Area Plot Plan) to see location of tanks in relationship to operational equipment. We wish to close the tanks in place. Because the tanks are small and only have a two-inch nozzle connection, entry into the tanks is impossible.

As an alternate to the standard closure procedure, we propose using the onsite monitoring wells shown on attached Figure 2 (Plant Plot Plan with Monitoring Well Locations) to monitor for contamination and need for corrective action.

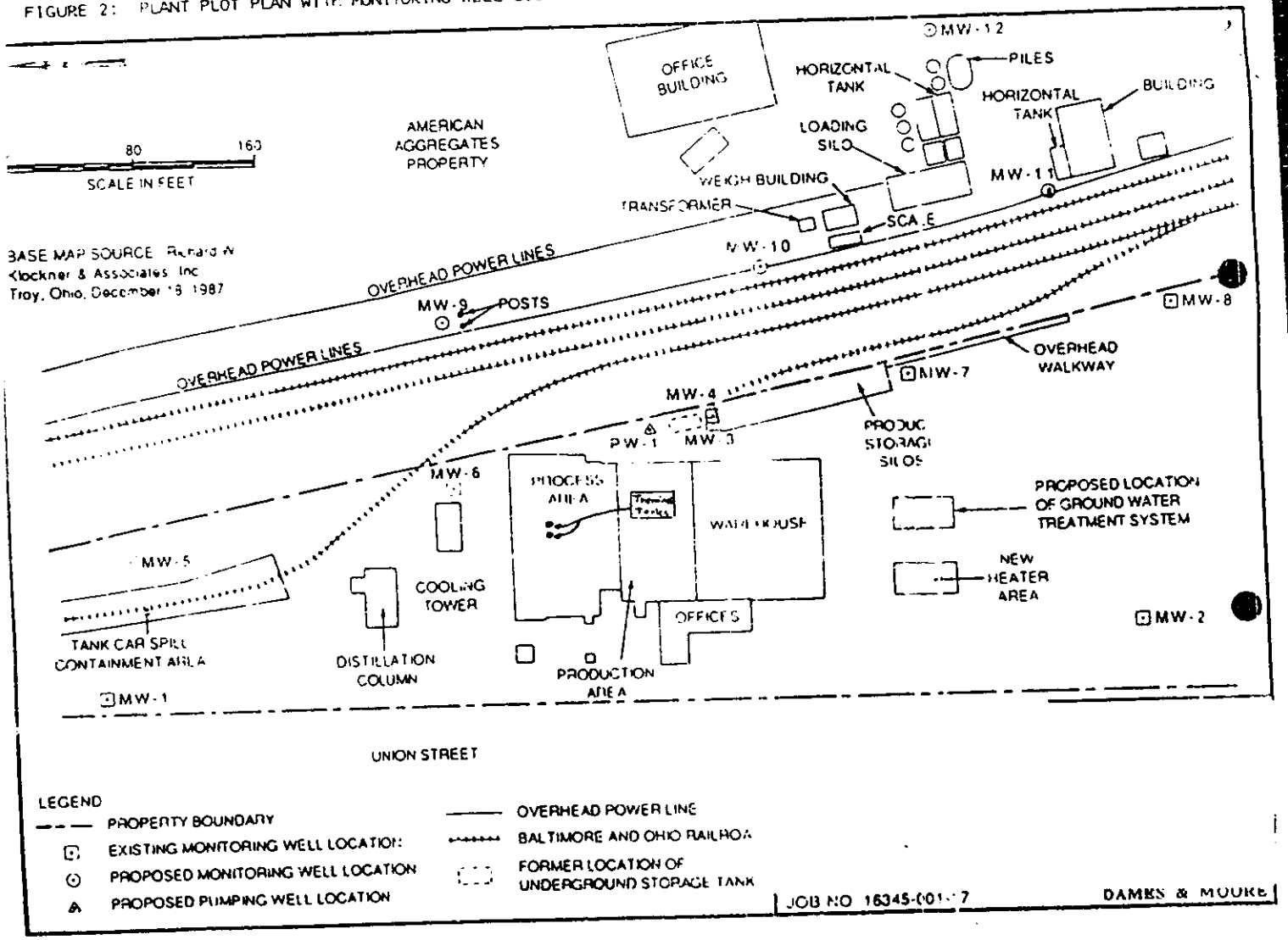
Please review this proposal and respond to its acceptability.

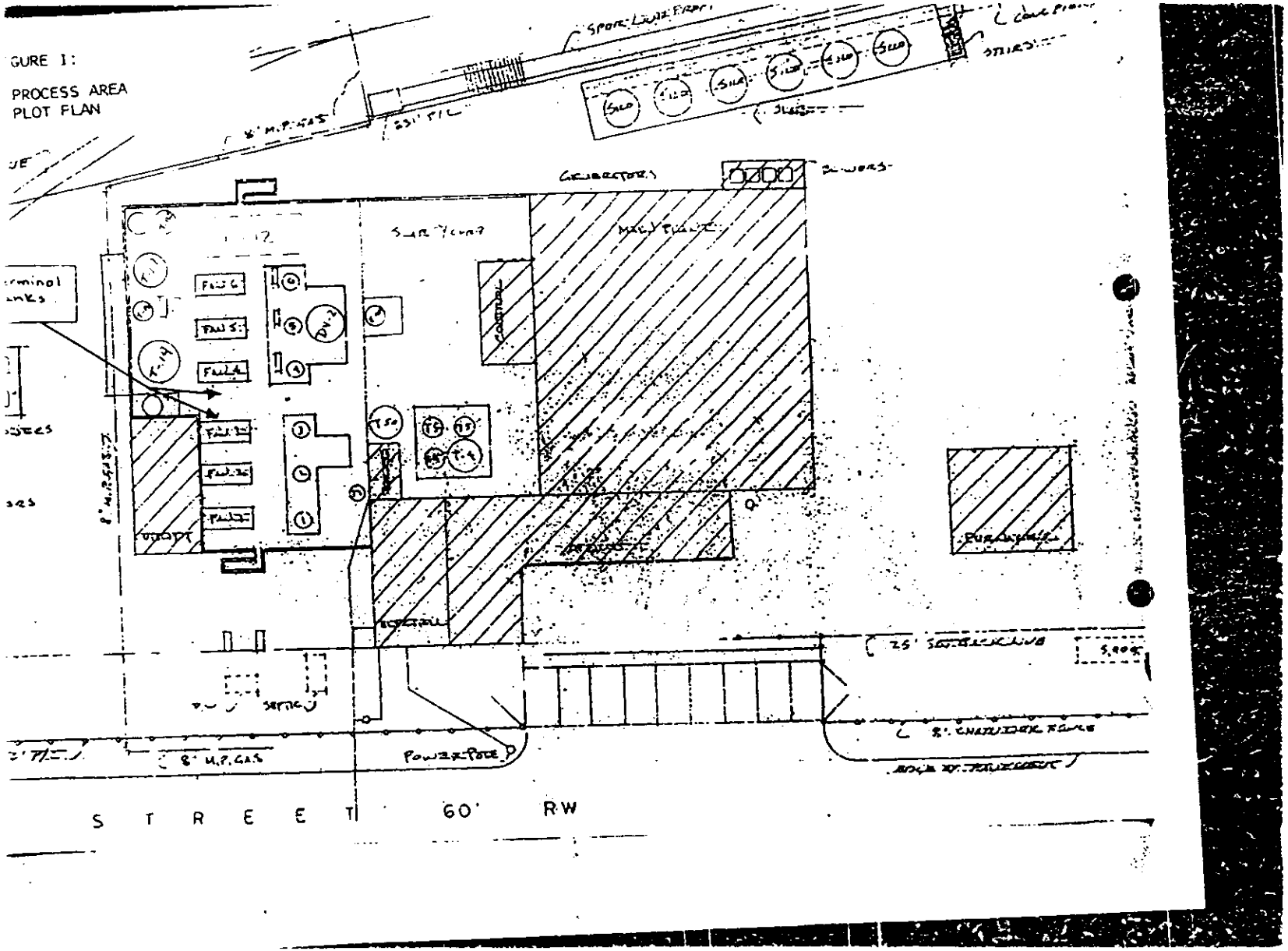
Thank you.

Sincerely,

Stephen T. Small
Plant Manager

FIGURE 2: PLANT PLOT PLAN WITH MONITORING WELL LOCATIONS




GURE 1:
PROCESS AREA
PLOT PLAN
STREET
60'
RW

TELEPHONE MEMORANDUM

REPORT #: 55303688 | DATE: 3/4/93
TIME: 12:00

CALL TO [✓] FROM [✓] | PHONE (513) 285-6090

NAME: Phil Harris | TITLE: Environ. Spec.
RELATION TO SITE: Government
AGENCY/COMPANY: OEPA - SWDO | CITY: Dayton | ST: OH | ZIP: 45402
ADDRESS: 40 South Main St.

SUBJECT: Deltech Polymers Corp.

NOTES & SUMMARY

Mr Harris informed me of the following about Deltech:
1) Deltech at one time was Gurison Polymer [illegible] Deltech closed, then thru a sheriff's [illegible] Deltech Polymers Corp. acquired the property.
2) Mr Harris informed me that he had recently performed an inspection of the plant for RECRA requirements.
- He was not aware of the two 500 gallon UST's [illegible] reactors, but he did inform me of a 5,000 gallon UST that is situated S-SW of the main office entrance. This UST was recently emptied of Haz. waste and may be put back into service as a Haz. Sub. UST.

Mr Harris wishes to be kept up to date on this site of any actions BUSTR takes with the site.

BUSTR STAFF MEMBER: CH | CONTINUED ON BACK: ______ | PAGES ATTACHED ______

TELEPHONE MEMORANDUM

REPORT #: 55303368

DATE: 3/3/93
TIME: 3:00

CALL TO [T] FROM [ ]
[illegible] TITLE: Assistant Chief PHONE (513) 335-5678
RELATION TO SITE F.C.
Y/COMPANY: Troy F.D.
SS: [illegible] CITY: Troy ST: OH ZIP: 45373
CT: Deltech Polymers Corp

S & SUMMARY

I called the Troy F.D. to ask what they might know [illegible] Deltech Polymers Corp. [illegible] informed me of the following:

1) [illegible]/21/89 The F.D. responded to a Fire/explosion at this site. The product Therminol was spilled on the surface. This product may have contained PCB's.

2) In Jan. or Feb 1988 Site Assessment work may have been performed at this site. M.W.'s may have been installed.

3) The area were the UST's are situated is out in the [illegible]. The UST's are situated below the reactors. The reactors are on a concrete pad.

4) Thermal oil is used as a heat transfer oil in the reactors.

CONTINUED ON BACK: ______ PAGES ATTACHED ______

USTR STAFF MEMBER: [illegible]

TELEPHONE MEMORANDUM

REPORT #: 5530368 DATE: 2/5/93

TIME: 1

CALL TO [✓] FROM [ ]

NAME: Stephen Small TITLE: Plant Manager PHONE (513) 339-3150

AGENCY/COMPANY: Deltech Polymers Corp. RELATION TO SITE O/O

ADDRESS: 1250 S. Union St. CITY: Troy ST. Ohio ZIP: 45373

SUBJECT: Alternate Closure Procedure

NOTES & SUMMARY

I asked Mr Small if he could supply our office with MSDS sheet's for the two UST's in questions.

- He stated that they could not find or obtain copies of the MSDS sheets.

I asked Mr Small if he could supply our office with information about the UST's in question (how they were utilized & operated).

- He stated that they were flow through tanks & that he had no blueprints or any other way to prove this fact.

I then asked Mr Small if drilling through the concrete to obtain samples would be a problem.

- He stated that it would be a problem because of all the machinery in the building.

BUSTR STAFF MEMBER: CH. CONTINUED ON BACK: _____ PAGES ATTACHED _____

DELTECH POLYMERS CORPORATION

1250 SOUTH UNION STREET
TROY, OHIO 45373
(513) 339-3150
FAX (513) 339-7694

Ray Roe
Status 112
DUE 2-8-93

January 28, 1993

Bureau of Underground Storage Tank Regulation
Attention: Andy Lyles, Bureau Chief
P.O. Box 687
Reynoldsburg, OH 43068

Re: Alternate Closure Request for Deltech Polymers Corp.

Deltech Polymers Corp. purchased the Troy, Ohio Polystyrene Plant at Sheriff's sale in March, 1991. This site had been operated by the now defunct Goodson Polymers. It has come to our attention that two 500 gallon underground Therminol storage tanks were emptied, cleaned and process piping removed by Goodson Polymers in 1988. However, a formal closure procedure was never accomplished.

Deltech Polymers Corp. wishes to formally close these tanks. Because these tanks are located underneath existing operating equipment, removal or drilling for samples cannot be accomplished. See the Attached Figure 1 (Process Area Plot Plan) to see location of tanks in relationship to operational equipment. We wish to close the tanks in place. Because the tanks are small and only have a 2 inch nozzle connection, entry into the tanks is impossible.

As an alternate to the standard closure procedure, we propose using the onsite monitoring wells shown on Attached Figure 2 (Plant Plot Plan with Monitoring Well Locations) to monitor for contamination and need for corrective action. Listed below is the proposed formal closure procedure we wish to implement for these tanks. This has been reviewed with the Troy Fire Department.

Procedure:

1. All flammable and organic material has been removed and tanks cleaned.

2. All process lines and equipment have been removed.

3. Fill the tanks with concrete or pumping concrete slurry into the tank.

4. Cap piping from the tanks.

5. Document location and closure procedure and maintain these documents on file.

6. Annually sample and analyze monitoring wells for contamination.

5530368

Please review this proposal and respond to its acceptability. We plan no action until you provide us your input.

Stephen F. Small
Plant Manager

cc: Troy Fire Dept.
Attn: Dick Zimmerman
19 East Race
Troy, OH 45373

FIGURE 1:

PROCESS AREA
PLOT PLAN

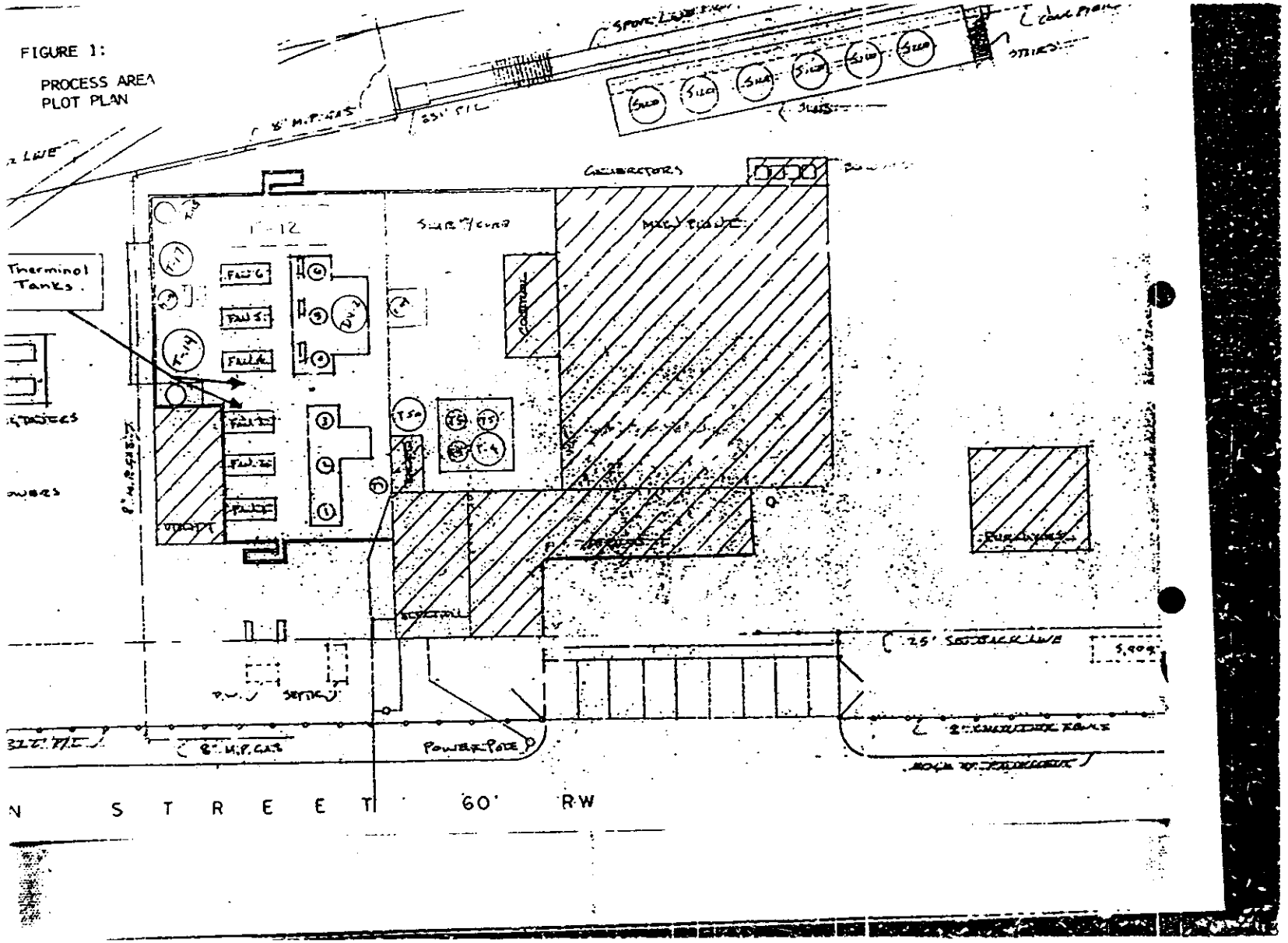
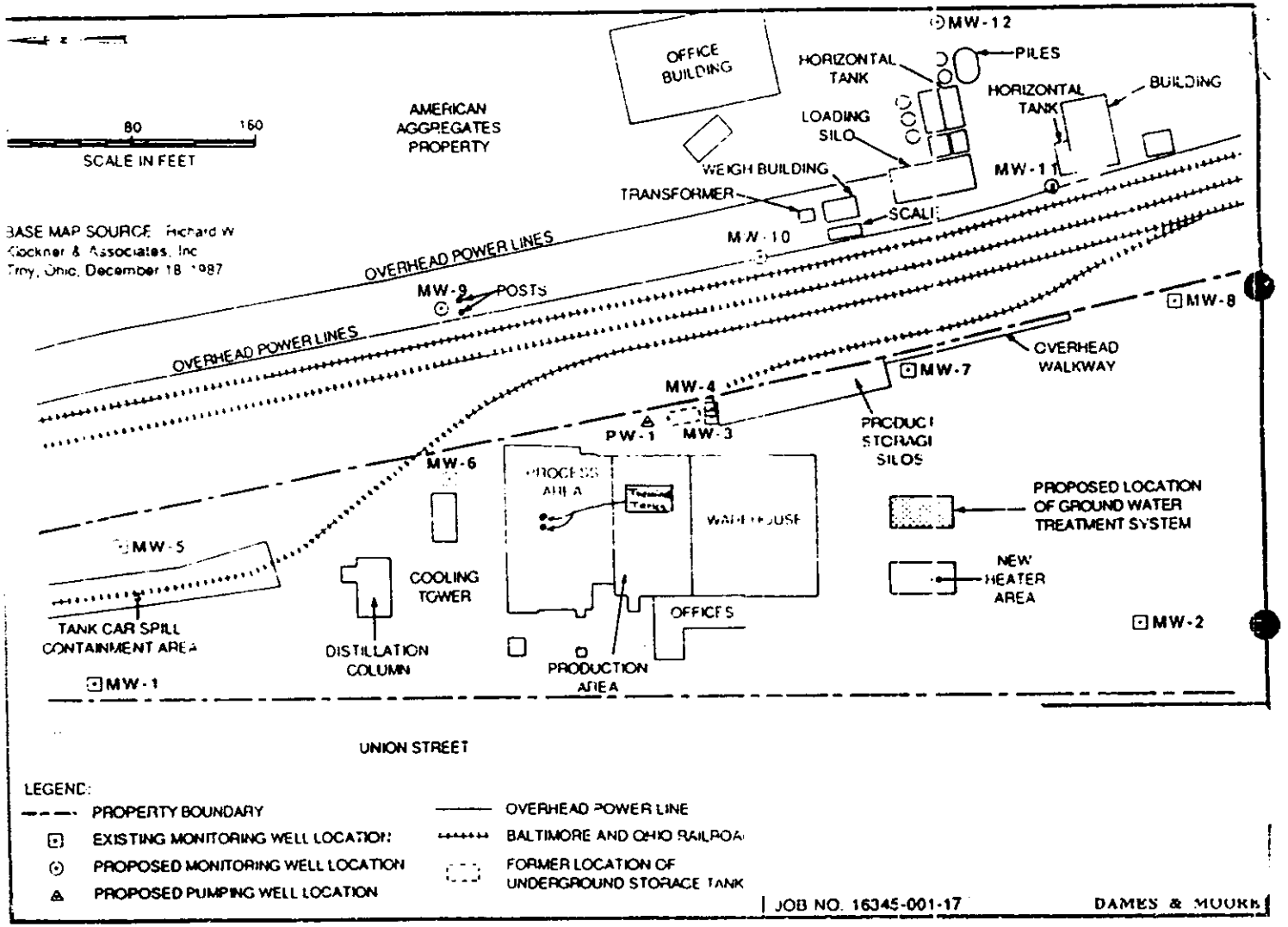


FIGURE 2: PLANT PLOT PLAN WITH MONITORING WELL LOCATIONS



[redacted]

STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANKS
8895 EAST MAIN STREET
P.O. BOX 687
REYNOLDSBURG, OHIO 43068-0687

1992 ANNUAL RENEWAL TANK REGISTRATION RECAPITULATION FORM

RECEIVED

PLEASE RETURN THIS FORM TO THE ABOVE ADDRESS, AND RETAIN A PHOTOCOPY FOR YOUR RECORDS

STATE FIRE MARSHAL
BUSTR

[redacted]

#853

FACILITY NAME	#TANKS		[illegible]
	6	x $25.00/TANK EQUALS	150.-
120		x $25.00/TANK EQUALS	
150		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
		x $25.00/TANK EQUALS	
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		x $25.00/TANK EQUALS	

101120

TANK PAGE TOTAL 6 FEE PAGE TOTAL 150.- .00150

TANK GRAND TOTAL 6 FEE GRAND TOTAL 150.-

DIVISION USE ONLY

204217

APPROVED BY: dj PETRO NO: TRACKING NO:

DATE: 8/7/92 CHECK NO: 3917 ITEMS: 1

4117

5530368

REGISTRATION FOR UNDERGROUND STORAGE TANKS	STATE USE ONLY
Bureau of Underground Storage Tanks 8895 East Main Street, P.O. Box 687 Reynoldsburg, Ohio 43068-0687	
REGISTRATION YEAR: 7/1/92 THROUGH 6/30/93	

Tank Registration

Tank registration is renewable each year. It is required by state law for all underground storage tanks that have been used to store regulated substances and which are currently in use or which were taken out of service after January 1, 1974, in a manner not in compliance with the state and local regulations that were in effect at the time the tanks were taken out of service. This annual registration is required by Ohio Revised Code §3737.88. It also satisfies the Federal Notification required by Section 9002 of the Resource Conservation and Recovery Act (RCRA), as amended.

Who Must Register?

1. Administrative Code Section 1301:7-9-04(B) requires that, unless exempted, owners of underground tanks that store regulated substances must register the tanks with the State Fire Marshal. Owner means:
   (a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and
   (b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.
2. Administrative Code Section 1301:7-9-04(D) requires that any person to whom ownership of any UST is transferred shall submit a transfer of UST registration application to the Fire Marshal for each location which is subject to the transfer. The transferor shall notify the transferee of this requirement at the time of the transfer.

Tank Registration Application Fee:

$25.00 per tank. Each tank registration application shall be accompanied by the fee made payable to "Treasurer-State of Ohio" NOTE: Federal, State and political subdivisions are exempt from paying the fee but they must comply with all other requirements of the underground tank registration rule, including the completion of this form.

Where To Notify?

Mail registration application and fee to: Division of State Fire Marshal, Bureau of Underground Storage Tank Regulations, Registration Section, P.O. Box 687, Reynoldsburg, OH 43068-0687.

When To Register?

(1) Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but not in compliance with applicable state and local regulations must be registered. (2) Owners who bring underground storage tanks into use after November 7, 1990, must register them within 30 days of bringing them into operation.

When Can A Tank Registration Be Denied?

The State Fire Marshal shall deny a tank registration for any of the following reasons:

1. The application does not provide all the information indicated on the prescribed form.
2. The owner who is required to do so did not have the Certified Installer sign the oath below Section XI of the Tank Registration Application. The owner of a UST installed on or after November 5, 1990, must obtain the signature of the Certified Installer who was certified under Rule 1301:7-9-11 of the Administrative Code on the Tank Registration Application. The Certified Installer certifies that the installation of the UST system is in compliance with Rule 1301-7-9-06 and that all work listed in the manufacturer's installation checklist has been completed.
3. The owner did not submit the tank registration fee required.

Penalties

Any person who knowingly fails to register or submits false information may be subject to a civil penalty not to exceed $10,000.00 for each day the registration is late or for which false information is submitted. Any person who knowingly fails to register or submits false information may be subject to conviction of an unclassified felony with a maximum fine of $25,000.00 and maximum imprisonment of 14 months.

I. OWNERSHIP OF TANKS [redacted]	II. LOCATION OF TANKS [redacted]
853 Deltech Polymers Corporation 1250 S. Union Street Troy, Ohio 45373	same as Ownership 550232
NUMBER OF TANKS six (6)	

Incident #:
5530368

III. TYPE OF OWNER		IV. INDIAN LANDS		
[ ] Federal Government	[ ] Commercial	Tanks are located on land within an Indian Reservation or on other trust lands.	[ ]	Tribe or Nation:
[ ] State Government	[X] Private	Tanks are owned by native American nation, tribe, or individual	[ ]	
[ ] Local Government				

V. TYPE OF FACILITY

Select the Appropriate Facility Description

___ Gas Station	___ Railroad	___ Commercial	___ Farm
___ Petroleum Distributor	___ Local Government	[X] Industrial	___ Residential
___ Air Taxi (Airline)	___ State Government	___ Contractor	___ Other (Explain)
___ Aircraft Owner	___ Federal-Non-Military	___ Trucking/Transport	_____
___ Auto Dealership	___ Federal-Military	___ Utilities	_____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name: L.C. Allmand Jr. Job Title: V.P. Development

Address: P.O. Drawer 97875 City/State/Zip: Baton Rouge, La. 70874

Phone (include area code): 504-358-3102

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with OAC 1301:7-9-05. [ ]

Six tanks or less

Petroleum UST Release Compensation Board

OWNER ID NUMBER: _____

CURRENT DEDUCTIBLE AMOUNT: _____

Mechanism Used to Cover Deductible Amount (Check All That Apply)

- [ ] Self Insured
- [ ] Insurance (Commercial)
- [ ] Risk Retention Group
- [ ] Guarantee & Standby Trust
- [ ] Surety Bond & Standby Trust
- [ ] Letter of Credit & Standby Trust
- [ ] Trust Fund

PROVIDER'S NAME: _____

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name of Owner: _____ Official Title: _____
(MUST TYPE OR PRINT)

Signature: _____ Date: _____

OR

Authorized Representative: L.C. Allmand Jr. Official Title: V.P. Development
(MUST TYPE OR PRINT)

Signature: L.C. Allmand Jr. Date: July 28, 1992

00041263

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification Number	Tank No T9	Tank No B11	Tank No T12	Tank No T6	Tank No
1. Status of Tank (mark only one)					
Currently in Use	YES	YES	YES	YES	
Temporarily Out of Use					
Permanently Out of Use					
Amendment of Information					
2. Date of Installation (mo/year)	1/88	1/88	1/76	6/82	
3. Estimated Total capacity (gallons)	30,000	30,000	20,000	5,000	
4. Material of Construction (mark all that apply)					
Asphalt Coated or Bare Steel	B.S.	B.S.	B.S.	B.S.	
Cathodically Protected Steel					
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled	YES	YES			
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other (please specify)					
Has tank been repaired?					
5. Piping (Material) (Mark all that apply)					
Bare Steel	B.S.	B.S.	B.S.	B.S.	
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Other, please specify					

Tank Identification Number	Tank No T-9	Tank No T-11	Tank No T-12	Tank No T-10	Tank No
6. Piping (type) (mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank	YES	YES			
Pressure	YES	YES			
Gravity Feed	YES	YES			
Has piping been repaired?	NO	NO			
7. Substance Currently or Last Stored in Greatest Quantity by Volume					
Gasoline					
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other (please specify)	Styrene ~~Monomer~~	Styrene ~~Monomer~~	Styrene/ ~~Ethylbenzene~~	Styrene ~~Misc.~~	
Hazardous Substance					
CERCLA name and/or CAS Number					
CAS Number	100-45-2	100-45-2	100-45-2	100-41-4	
Mixture of Substances				YES	
(Please specify)					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
1. Closing of Tank A. Estimated date last used (mo./day/year)					
B. Estimated date tank closed (mo./day/year)					
C. Tank was removed from ground					
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
2. Site Assessment Completed					
Evidence of a leak detected					

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. T19	Tank No. T21	Tank No. T22	Tank No. T20	Tank No.
1. Installation					
A. Installer certified by tank & piping manufacturer					
B. Installer certified or licensed by the agency					
C. Installation inspected by a registered engineer	YES	YES			
D. Installation inspected & approved by agency					
E. Manufacturer's installation checklists completed					
F. Another method allowed by state agency-specify					

2. Release Detection (mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X							
B. Tank tightness testing					X		X			
C. Inventory controls										
D. Automatic tank gauging	X		X							
E. Vapor monitoring	X		X							
F. Groundwater monitoring	X		X		X		X			
G. Interstitial monitoring double walled tank/piping	X		X							
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by state agency-specify										

3. Spill and Overfill Protection					
A. Overfill device installed	YES	YES	YES	YES	
B. Spill device installed	YES	YES			

NEW TANK INSTALLATION ONLY

OATH: I certify the information concerning installation that is provided in Section XI is true to the best of my knowledge.

Installer Name: _____ Position: _____
(MUST TYPE OR PRINT)

Installer ID Number: _____ Certification Expiration Date: _____

Signature: _____ Date: _____

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification Number	Tank No. 1	Tank No.	Tank No. 2	Tank No.
1. Status of Tank (mark only one)				
Currently in Use	E. Therm		W. Therm	
Temporarily Out of Use				
Permanently Out of Use	TES		TES	
Amendment of Information				
2. Date of Installation (mo/year)	/1978		/1978	
3. Estimated Total capacity (gallons)	500		500	
4. Material of Construction (mark all that apply)				
Asphalt Coated or Bare Steel	B.S.		B.S.	
Cathodically Protected Steel				
Epoxy Coated Steel				
Composite (Steel with Fiberglass)				
Fiberglass Reinforced Plastic				
Lined Interior				
Double Walled				
Polyethylene Tank Jacket				
Concrete				
Excavation Liner				
Unknown				
Other (please specify)				
Has tank been repaired?				
5. Piping (Material) (Mark all that apply)				
Bare Steel	B.S.		B.S.	
Galvanized Steel				
Fiberglass Reinforced Plastic				
Copper				
Cathodically Protected				
Double Walled				
Secondary Containment				
Unknown				
Other, please specify				

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No 2	Tank No ___	Tank No 3	Tank No ___	Tank No ___
1. Installation					
A. Installer certified by tank & piping manufacturer	E. Thiem		W. Thiem		
B. Installer certified or licensed by the agency	N/A		N/A		
C. Installation inspected by a registered engineer					
D. Installation inspected & approved by agency					
E. Manufacturer's installation checklists completed					
F. Another method allowed by state agency-specify					
2. Release Detection (Mark all that apply)	TANK / PIPING	TANK / PIPING	TANK / PIPING	TANK / PIPING	TANK / PIPING
A. Manual tank gauging					
B. Tank tightness testing					
C. Inventory controls					
D. Automatic tank gauging					
E. Vapor monitoring	X / X		X / X		
F. Groundwater monitoring					
G. Interstitial monitoring double walled tank/piping					
H. Interstitial monitoring/secondary containment					
I. Automatic line leak detectors					
J. Line tightness testing					
K. Other method allowed by state agency-specify					
3. Spill and Overfill Protection	N/A		N/A		
A. Overfill device installed					
B. Spill device installed					

NEW TANK INSTALLATION ONLY

OATH: I certify the information concerning installation that is provided in Section XI is true to the best of my knowledge.

Installer Name: _____ Position: _____
(MUST TYPE OR PRINT)

Installer ID Number: _____ Certification Expiration Date: _____

Signature: _____ Date: _____

SUSPECTED RELEASE REPORT

ᴄ #55303681.001.FY93 DATE: 2/4/93

1] PERSON REPORTING THE RELEASE TIME: 3:00

Stephen T. Small TITLE: Plant Manager PHONE: (513) 339-3150

/COMPANY: Deltech Polymers RELATION TO SITE: Current Property Owner

S: 1250 South Union Street CITY: Troy ST: OH ZIP: 45373

S: Date actually time SFM recd report

] SUSPECTED RELEASE LOCATION

LE SUSPECTED SOURCES? ___ YES NO ✓ UNDETERMINED COUNTY: Miami #57

TY: Deltech Polymers Corp. FACILITY ID#: 550232

S: 1250 South Union St.

Troy ST: OH ZIP: 45373 PHONE: ( )

NER: Possibly - Goodson Polymers PHONE: ( )

ERATOR: PHONE: ( )

: Alternate Closure Request

wo Therminol UST's abandoned in 1988 - no closure was

formed UST's may have contained some type of PCB's or heat

ransfer oil (per F.D.)

PT: Troy F.D. CONTACT: Dick Zimmerman PHONE: (513) 335-5678

CONDITIONS LEADING TO REPORT OF SUSPECTED RELEASE (*Check all that apply*)

ventory control results indicate a release may have occurred.

sting, monitoring or sampling results indicate a release may have occurred.

usual operating conditions observed (e.g., sudden drop in tank volume).

pacts noticed in area surrounding tank (e.g., vapors, well contaminated, run-off).

ill or overfill of petroleum in excess of 25 gallons.

il/Groundwater contamination discovered during non-closure related investigation.

osure (or replacement) assessment results indicate that a release has occurred.

ONDITIONS:

*******COMPLETE REVERSE SIDE********

10] REPORT DISPOSITION (*Indicate actions taken on reverse side*)

Y: C.H. EMERGENCY ACTION? __ YES __ NO BY: FM __ OEPA ( )

SWCA REPORT/ACTION APPROVED: [signature] DATE: 3/8/93

BY: SF DATE: MAR 8 1993

STATUS: RPT SUS DIS CON ICA ICR PRIORITY: 1 (2) 3 4 CLASS: A B C (D) LTF: 1 (2) 6

ICC SAS SAC CAS CAP NFA OTHER: ________

— [4] RELEASE INFORMATION —

DATE FIRST DETECTED: __/__/__ TIME: __:__ EST. QUANTITY: Unk

SUBSTANCE RELEASED/DETECTED: __ GASOLINE __ DIESEL FUEL __ KEROSINE __ USED OIL __ OTHER PETRO __ HAZ SUBST __ UNKNOWN EST. DURATION: Unk

MEDIA EFFECTED (*Check all that apply*): __ SOIL __ PAVEMENT __ BASEMENT __ SEWERS __ GROUNDWATER __ SURFACE WATER ✓ OTHER: Terminal LTF

ELIGIBLE? __ YES __ NO *If no, why?*:

— [5] UST INFORMATION —

FACILITY REGISTRATION CURRENT? __ YES __ NO ✓ UNKNOWN (*Attach USTR's for all facilities*)

NUMBER OF TANKS: 2 RELEASE DETECTION METHOD: Unk

AGE	CAPACITY	-CONST.- MATERIAL	SUBSTANCE STORED	STATUS	AGE	CAPACITY	-CONST.- MATERIAL	SUBSTANCE STORED	STATUS
Unk	500	unk	Terminal	abandoned					
"	"	"	"	"					

PROBABLE LOCATION OF RELEASE: TANK NO.__ PIPE BETWEEN —O— AND

PROBABLE CAUSE: Unk

OTHER POTENTIAL SOURCES AT THIS LOCATION: Industrial site

— [6] SITE/HAZARD INFORMATION —

IMPORTANT SITE OR SURROUNDING AREA CHARACTERISTICS: Industrial area

PROXIMITY TO DRINKING WATER SOURCES: Area supplied by Municipal water

OTHER FIRE/WATER/HEALTH HAZARDS AT THE SITE: Industrial site.

— [7] INITIAL RESPONSE ACTIONS BY OWNER/OPERATOR — (*Check all that apply*)

__ Release confirmation/Investigation
__ Initial corrective action procedures
__ Free product removal
__ Long term corrective action plan
__ Initial site investigation
__ Site/Assessment/Exposure Assessment
__ Unknown/undetermined
✓ None

— [8] WERE ANY OTHER AGENCIES NOTIFIED PRIOR TO BUSTR? — (*As Reported*)

AGENCY: NAME: DATE: __/__/__

— [9] BUSTR ACTIONS TAKEN —

3/1/93 Troy F.D
Dick Zimmerman
19 E. Race St.
Troy OH 45373
(513) 335-5678
See Phone Memo

3/3/93 Brad Domigan / Miami County H.D.
3232 N. County Rd.
25A
PO Box 699
Troy OH 45373-0699
Left message for him to call our office

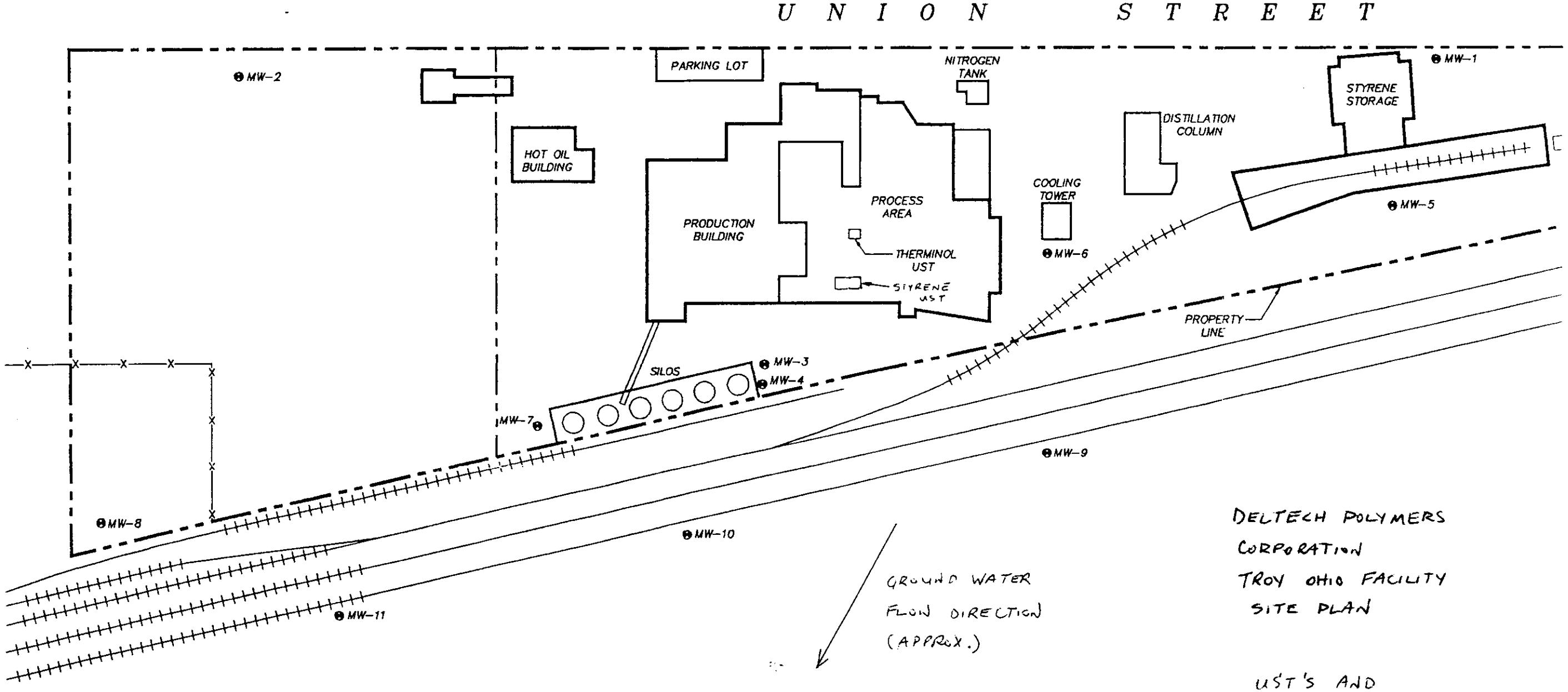
3/4/93 Paul Pard. SWDO OEPA (513) [illegible]-6029 40 S. Main St Dayton OH 45402 See Phone Memo

CALLS TO: (FD), LHD, LPW, (ODH), (OEPA/ER), OEPA/DPDW, OEPA/DGW, OTHER

00001275

NORTH

APPROXIMATE SCALE: 1 INCH = 60 FEET



DELTECH POLYMERS CORPORATION
TROY OHIO FACILITY
SITE PLAN

UST'S AND MONITORING WELLS